Bulletin

Pennsylvania Department of Agriculture

Harrisburg, Pa.

Vol. 24 JULY-AUGUST, 1941 No. 4

GENERAL BULLETIN 576

FEEDING STUFFS REPORT

1940

JOHN H. LIGHT
Secretary of Agriculture

Published bi-monthly by direction of the Secretary. Entered as second-class matter May 15, 1940, at the post office at Harrisburg, Pennsylvania, under the Act of June 6, 1900.

CONTENTS

	Page
Introduction	3
Brands Registered	4
Conclusions	4
Table I, Classification showing Average Analyses and Prices of Samples Analyzed with Summary of Deficiencies	5
Key to Table II	6
Table II, showing Results of Chemical Analyses and Microscopical Examinations of Official Samples	7

FEEDING STUFFS REPORT

1940

INTRODUCTION

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as mended, provides for the inspection and analysis of feeding stuffs, nd accordingly, during the year ending December 31, 1940, 1,305 fficial samples were obtained by agents of the Bureau throughout the ommonwealth. Of the total number of samples collected, 1,251 were elected for analysis.

Each and every feeding stuffs sold within this Commonwealth is equired to be properly labeled giving the following information: ame and address of manufacturer or importer, net weight, guarantees or protein, fat, and fiber, and a statement of composition, that is, he name of each ingredient used.

During the year 1940, 432 special samples of feeding stuffs were ubmitted for analysis. The Law provides for the analysis of special amples of feeding stuffs for residents of Pennsylvania only for a fee f $1 per sample. The results of analyses of special samples submitted re not included in this Report. The total number of official and pecial samples analyzed during the year 1940 was 1,682.

The 1,251 official samples analyzed were registered by 215 anufacturers and represented 18 classes and 979 brands as follows:

Classes	Samples
Oil Cake By-Products	23
Distillery and Brewery By-Products	14
Maize By-Products	16
Wheat and Rye Offal	50
Alfalfa Meal	6
Oat By-Products	6
Dried Beet Pulp	3
Proprietary Dairy Feed	258
Proprietary Stock, Horse and Mule Feed	57
Proprietary Calf Meal	11
Proprietary Swine Feed	99
Proprietary Chop Feed	24
Proprietary Scratch Feed	71
Proprietary Mash Feed	523
Proprietary Small Animal Feed	46
Animal By-Products	21
Milk Products	12
Miscellaneous	11
Total	1251

BRANDS REGISTERED

Each brand of feeding stuffs is required to be registered annually and application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of $25 per brand. The annual registration fees are as follows:

0 to 150 tons, each.....	$ 5.00
Over 150 tons to 300 tons, each.....	10.00
Over 300 tons to 500 tons, each.....	15.00
Over 500 tons, each.....	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of $5 each, it being unnecessary to submit tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1940 sales, 6,308 brands of feeding stuffs were registered, and 1,430 licenses were issued to 1,102 manufacturers.

CONCLUSIONS

Of the 1,251 official samples analyzed, 151 or 12.1% were deficient in protein or fat and contained fiber in excess of the tolerances provided; 13 samples or 1.04% were found deficient in protein, 83 or 6.63% deficient in fat, and 61 or 4.88% exceeded guarantees for fiber.

Microscopical examination of each sample was made in order to determine correctness of certified ingredients, and where discrepancies were found manufacturers were accordingly notified.

The consumer of a feeding stuffs purchases same under certain guarantees and labeling, and naturally expects that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be accordingly notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the administrative officer, the Director of the Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSES AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAMPLES	BRANDS	GUARANTEED	PROTEIN P. CT.	FAT P.CT.	FIBER P.CT.	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Corn Oil Meal	1	1	1	22.63	6.29	9.70	32.00	----	----	----
Cottonseed Meal	11	6	11	41.80	6.14	9.77	40.78	----	----	----
Linseed Oil Meal	4	2	4	36.16	5.65	8.18	43.75	----	----	----
Soybean Oil Meal	7	6	7	45.08	4.83	5.26	38.80	----	----	----
Distillers' Dried Grains	7	6	7	28.60	8.10	10.37	35.33	1	2	----
Brewers' Dried Grains	7	6	7	26.55	5.71	16.21	32.83	1	1	----
Corn Gluten Feed	2	2	2	25.13	2.82	8.00	30.50	----	----	----
Corn Gluten Feed - Sweetened	3	1	3	20.54	1.81	6.99	34.50	----	----	----
Corn Gluten Meal	4	2	4	44.11	3.11	3.89	43.75	----	----	1
Corn Meal	1	1	1	9.56	3.76	2.11	-----	----	----	----
Cracked Corn	1	1	1	8.81	2.95	2.02	34.00	----	----	----
Corn Feed Meal	1	1	1	10.00	5.18	2.34	34.00	----	----	----
Hominy Feed	4	4	4	11.24	6.98	4.98	32.50	----	----	----
Wheat Bran	19	17	19	16.25	3.84	8.90	32.38	----	3	----
Wheat Middlings	26	24	26	16.38	3.96	4.51	35.02	1	3	1
Wheat Mixed Feed	2	2	2	17.25	4.20	7.42	36.50	----	----	----
Red Dog Wheat Flour	1	1	1	18.50	4.80	3.74	32.00	----	----	----
Wheat Gray Shorts	1	1	1	18.63	3.03	4.12	36.00	----	1	----
Rye Middlings	1	1	1	17.31	2.71	3.82	28.00	----	----	----
Alfalfa Meal	6	5	6	16.39	2.16	28.14	38.71	----	1	1
Oat Feed	2	2	2	8.72	2.73	22.84	29.00	----	----	----
Oat Feed - Sweetened	4	3	4	5.75	1.51	23.95	25.00	----	----	----
Dried Beet Pulp	3	1	3	9.96	0.48	19.35	38.00	----	----	----
Proprietary Dairy Feed	258	202	258	24.34	4.02	8.34	36.09	2	32	8
Proprietary Stock, Horse & Mule Feed	57	46	57	13.10	3.49	8.11	36.00	1	7	2
Proprietary Calf Meal	11	10	11	22.19	3.86	6.24	59.44	----	2	2
Proprietary Swine Feed	99	78	99	23.48	4.55	6.30	41.75	2	5	8
Corn and Oats Chop	7	7	7	11.45	3.73	7.26	35.92	----	----	1
Chop Feed	17	13	17	11.39	3.50	9.04	32.00	----	----	1
Proprietary Scratch Feed	71	67	71	11.48	2.99	2.68	39.72	----	6	1
Proprietary Mash Feed	523	387	523	21.07	4.72	6.50	47.64	----	11	32
Proprietary Small Animal Feed	46	40	46	-----	----	----	-----	2	6	3
Meat and Bone Scrap	10	8	10	50.77	11.08	1.48	50.33	1	----	----
Tankage	2	2	2	60.75	7.88	1.40	-----	----	----	----
Fish Meal	7	7	7	59.80	7.22	0.87	62.00	----	1	----
Bone Meal	2	2	2	7.94	1.54	2.89	50.07	----	----	----
Condensed Buttermilk	9	4	7	10.82	0.92	----	-----	2	1	----
Condensed Skim Milk	1	1	1	11.48	0.20	----	-----	----	----	----
Dried Skim Milk	2	2	2	33.72	0.82	----	110.00	----	1	----
Miscellaneous Feed	11	7	11	-----	----	----	-----	----	----	----
TOTAL	1251	979	1249	-----	----	----	-----	13	83	61

KEY TO TABLE II SHOWING ANALYSES OF OFFICIAL SAMPLES

Table II shows in detail the results of analyses under the various classifications, together with their guarantees and a statement as to whether or not they were found to be "As Certified" upon microscopical examination.

Columns are provided for the found and guaranteed protein, fat, and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and subheadings:

OIL CAKE BY-PRODUCTS including Corn Oil Meal, Cottonseed Meal, Linseed Oil Meal and Soybean Oil Meal.

DISTILLERY AND BREWERY BY-PRODUCTS

MAIZE BY-PRODUCTS including Corn Gluten Feed, Corn Gluten Meal, Corn Meal, Cracked Corn, Corn Feed Meal and Hominy Feed.

WHEAT AND RYE OFFAL (with and without Ground Grain Screenings) including Wheat Bran, Wheat Middlings, Wheat Mixed Feed, Red Dog Wheat Flour, Wheat Gray Shorts, and Rye Middlings.

ALFALFA MEAL

OAT BY-PRODUCTS

DRIED BEET PULP

PROPRIETARY MIXED FEEDS including Dairy Feed, Stock, Horse and Mule Feed, Calf Meal, Swine Feed, Chop Feed, Scratch Feed, Mash Feed and Small Animal Feed.

ANIMAL BY-PRODUCTS

MILK PRODUCTS

MISCELLANEOUS FEED

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
OIL CAKE PRODUCT							
Corn Oil Meal							
A. E. STALEY MANUFACTURING COMPANY Decatur, Ill.							
taley's Corn Oil Meal (466)	22.63	18.00	6.29	5.00	9.70	11.00	As Certified
Cottoneeed Meal							
ASHCRAFT-WILKINSON COMPANY Atlanta, Georgia							
ow-eta 8rand 41% Protein Prime Quality (114)	42.13	41.00	6.51	5.00	9.25	13.00	Ae Certified
ow-eta 8rand 41% Protein Prime Quality (443)	43.06	41.00	6.28	5.00	9.33	13.00	Ae Certified
ow-eta 8rand 41% Protein Prime Quality (1228)	40.94	41.00	6.30	5.00	10.57	13.00	As Certified
HUMPHREYS GODWIN CO., Memphis, Tenn.							
ixie Brand Prime 41% Protein (1224)	40.75	41.00	5.79	5.00	9.63	12.00	As Certified
KERSHAW OIL MILL, Kershaw, S. C.							
almetto 8rand Cottonseed Meal (399)	42.25	41.00	6.22	6.00	10.37	11.00	As Certified
LARROWE MILLING CO., Detroit, Mich.							
arro 41% Cottonseed Meal (127)	41.31	41.00	6.35	6.00	9.87	10.00	As Certified
arro 41% Cottonseed Meal (570)	42.19	41.00	6.56	6.00	9.38	10.00	As Certified
L. 8. LOVITT & CO., Memphis, Tenn.							
ovit Brand 41% Protein Cottonseed Meal (802)	41.19	41.00	6.48	5.00	10.28	13.00	As Certified
PERKINS OIL CO., Memphis, Tenn.							
olden Rod Brand Cottonseed Meal (144)	41.06	41.00	5.91	5.00	9.30	12.00	As Certified
olden Rod 8rand Cottonseed Meal (462)	42.44	41.00	5.56	5.00	9.55	12.00	As Certified
olden Rod Brand Cottonseed Meal (617)	42.44	41.00	5.54	5.00	10.00	12.00	As Certified
Average	41.80	-----	6.14	----	9.77	-----	
Linseed Oil Meal							
ARCHER-DANIELS-MIDLAND COMPANY Minneapolis, Minn.							
7% Protein Old Process Linseed Meal (442)	38.50	37.00	4.89	4.50	6.98	9.00	As Certified
THE SHERWIN-WILLIAMS COMPANY Cleveland, Ohio							
ire Old Process 34% Linseed Oil Meal (393)	36.00	34.00	5.85	4.50	8.26	9.00	As Certified
ire Old Process 34% Linseed Oil Meal (417)	34.81	34.00	5.82	4.50	B.45	9.00	As Certified
ire Old Process 34% Linseed Oil Meal (571)	35.31	34.00	6.04	4.50	9.06	9.00	As Certified
Average	36.16	-----	5.65	----	8.18	----	
Soybean Oil Meal							
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
ed Rose Soybean Oil Meal (145)	44.56	41.00	4.85	5.00	5.00	7.00	As Certified
FUNK BROTHERS SEED COMPANY 8loomington, Ill.							
unk's 41% Protein Soybean Oil Meal (125)	45.3B	41.00	5.55	4.50	5.10	7.00	As Certified
GALESBURG SOY PRODUCTS COMPANY Galesburg, Ill.							
riple Value 8rand Soybean Oil Meal (509)	44.44	41.00	5.05	5.00	5.00	7.00	Ae Certified
LARROWE MILLING CO., Detroit, Mich.							
arro Soybean Oil Meal (577)	44.63	41.00	5.10	4.50	5.70	6.50	As Certified
SOYA PROCESSING CO., Wooster, Ohio							
oster 8rand Soybean Oil Meal (440)	46.06	41.00	4.80	4.00	5.40	7.00	As Certified
A. E. STALEY MANUFACTURING COMPANY Decatur, Ill.							
taley's Soybean Oil Meal (451)	45.25	41.00	4.20	4.00	5.12	7.00	As Certified
taley's Soybean Oil Meal (586)	45.25	41.00	4.26	4.00	5.50	7.00	As Certified
Average	45.08	-----	4.83	----	5.26	----	
DISTILLERY AND BREWERY BY-PRODUCT							
Distillers' Dried Grains							
ALLIED MILLS, INC., Chicago, Ill.							
orn Distillers' Dried Grains (817)	29.69	28.00	3.84	6.00	9.76	15.00	As Certified
OLDETYME DISTILLERS, INC. Cedarhurst, Md.							
istillere' Dried Grains from Corn (444)	29.94	24.00	8.41	5.00	10.50	14.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. F. RIESER, West Leesport, Pa.							
Ajak Grains (1015)	28.50	28.00 to 30.00	9.43	8.00 to 10.00	12.18	14.00	As Certified
JOSEPH E. SEAGRAM & SONS, INC. Louisville, Kentucky							
Seagram's Corn Distillers' Dried Grains (786)	29.44	28.00	6.79	9.00	12.12	14.00	As Certified
Seagram's Corn Distillers' Dried Grains (1227)	26.94	28.00	10.39	8.00	8.57	14.00	Ae Certified
THE UBIKO MILLING CO., Cincinnati, Ohio							
Fourex Corn Distillers' Dried Grains (241)	28.81	28.00	8.56	7.00	11.54	14.00	As Certified
HIRAM WALKER & SONS, INC. Peoria, Ill.							
Corn Distillers' Dried Grains (124)	26.88	29.00	9.30	6.00	7.93	9.00	As Certified
Average	28.60	-----	8.10	----	10.37	----	
Brewers' Dried Grains							
FARMERS FEED COMPANY, Buffalo, N. Y.							
Bull Brand Dried Brewers' Grains (446)	25.75	26.00	5.90	6.00	17.20	17.00	As Certified
HAZLETON SYRUP CO., Hazleton, Pa.							
Dried Brewers' Grains (1179)	27.00	22.00	5.75	6.00	15.93	20.52	Ae Certified
E. F. KINDLAN, Norristown, Pa.							
Kindlan's Brewers' Dried Grains (880)	24.44	24.00	5.08	5.00	15.80	18.00	As Certified
THE NEUMOND CO., St. Louis, Mo.							
Neumond Dried Brewere' Grains (461)	31.06	24.00	5.26	4.50	14.08	18.00	As Certified
JOSEPH SCHLITZ BREWING COMPANY Milwaukee, Wisconsin							
Schlitz Purity Brewers' Dried Grains (386)	31.38	24.00	6.16	5.00	15.43	20.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Red Letter Brand Dried Brewers' Graine (123)	24.19	24.00	6.39	6.00	17.52	19.00	As Certified
Red Letter Brand Dried Brewers' Grains (414)	22.00	24.00	5.41	6.00	17.52	19.00	As Certified
Average	26.55	-----	5.71	----	16.21	-----	
MAIZE BY-PRODUCT							
Corn Gluten Feed							
CLINTON COMPANY, Clinton, Iowa							
Clinton Corn Gluten Feed (441)	24.94	23.00	3.63	2.00	7.80	8.50	As Certified
CORN PRODUCTS REFINING COMPANY New York, N. Y.							
Buffalo Corn Gluten Feed (1150)	25.31	23.00	2.00	2.00	8.20	8.50	As Certified
Average	25.13	-----	2.82	----	8.00	----	
Corn Gluten Feed--Sweetened							
CORN PRODUCTS REFINING COMPANY New York, N. Y.							
Buffalo Corn Gluten Feed--Sweetened (282)	19.81	20.00	1.97	1.00	6.52	7.00	As Certified
Buffalo Corn Gluten Feed--Sweetened (357)	20.44	18.00	1.62	1.50	7.68	8.50	As Certified
Buffalo Corn Gluten Feed--Sweetened (404)	21.38	18.00	1.83	1.50	6.77	8.50	As Certified
Average	20.54	-----	1.81	----	6.99	----	
Corn Gluten Meal							
CLINTON COMPANY, Clinton, Iowa							
Clinton Corn Gluten Meal (448)	43.19	41.00	2.23	1.00	3.59	6.00	As Certified
CORN PRODUCTS REFINING COMPANY New York, N. Y.							
Diamond Corn Gluten Meal (535)	43.94	41.00	3.02	1.00	4.43	4.00	As Certified
Diamond Corn Gluten Meal (542)	44.56	41.00	3.59	1.00	3.50	4.00	Ae Certified
Diamond Corn Gluten Meal (623)	44.75	41.00	3.59	1.00	4.07	4.00	As Certified
Average	44.11	-----	3.11	----	3.89	----	
Corn Meal							
DIETRICH & GAMBRILL, INC. Frederick, Md.							
D. & G. Pure Corn Meal (122)	9.56	9.00	3.76	4.00	2.11	3.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Cracked Corn							
LARROWE MILLING CO., Detroit, Mich. Cracked Corn (578)	8.81	8.00	2.95	3.00	2.02	2.50	As Certified
Corn Feed Meal							
BUCKEYE CEREAL CO., Massillon, Ohio Corn Feed Meal (533)	10.00	9.00	5.18	4.50	2.34	7.50	As Certified
Hominy Feed							
EVANS MILLING COMPANY Indianapolis, Ind. Amco Hominy Feed (465)	11.19	10.00	7.48	6.00	5.23	6.00	As Certified
GENERAL FOODS CORPORATION Kankakee, Ill. Burt's Hominy Feed (659)	11.50	10.00	7.51	6.00	4.78	6.00	As Certified
CHARLES A. KRAUSE MILLING COMPANY Milwaukee, Wisconsin Badger White Hominy Feed (685)	11.88	10.00	7.58	6.00	5.49	6.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Yellow Hominy Feed (406)	10.38	10.00	5.36	5.00	4.44	5.00	As Certified
Average	11.24	-----	6.98	----	4.98	----	
WHEAT AND RYE OFFAL							
Wheat Bran							
With and Without Ground Grain Screenings)							
R. S. ALTMAN, Irwin, Pa. Pure Trojan Bran (184)	15.25	12.00	3.42	3.00	8.71	12.00	As Certified
ARENDTSVILLE ROLLER MILLS Arendtsville, Pa. Pure Wheat Bran (958)	16.06	15.00	4.04	4.00	8.39	10.00	As Certified
BARE MILLING COMPANY Roaring Spring, Pa. Wheat Bran (388)	14.88	15.00	2.77	3.50	6.80	12.00	As Certified
CITY FLOURING MILLS, INC, Muncy, Pa. Wheat Bran (1222)	15.69	15.00	3.84	4.00	9.02	10.00	As Certified
D. D. FRITCH MILLING COMPANY Macungie, Pa. Wheat Bran with Mill Run Screenings (870)	16.38	16.00	4.24	3.50	8.76	11.00	As Certified
P. B. FURRY, Loysburg, Pa. Pure Wheat Bran (81)	15.31	15.00	3.04	3.00	6.65	10.00	As Certified
INTERNATIONAL MILLING COMPANY Minneapolis, Minn. Black Hawk Pure Wheat Bran (415)	17.94	15.00	5.23	3.20	10.07	12.00	As Certified
MARTINSBURG MILLING COMPANY Martinsburg, Pa. Wheat Bran (158)	15.25	15.00	3.33	3.25	9.63	10.00	As Certified
OMAR, INCORPORATED Omaha, Nebraska Pure Wheat Bran (813)	18.94	16.00	4.87	3.00	8.00	10.00	As Certified
PILLSBURY FLOUR MILLS COMPANY Minneapolis, Minn. Pillsbury's Wheat Bran with Ground Wheat Screenings (359)	17.25	14.50	3.97	3.50	9.42	11.00	As Certified
C. C. REPLOGLE, Woodbury, Pa. Winter Wheat Bran (120)	13.63	15.00	2.83	3.50	9.24	10.00	As Certified
RUSSELL-MILLER MILLING COMPANY Minneapolis, Minn. Ward Wheat Occident Bran (1168)	17.69	14.00	5.01	4.00	9.26	11.50	As Certified
STANDARD MILLING CO., Chicago, Ill. Red Turkey Pure Wheat Bran (544) Red Turkey Pure Wheat Bran (892)	18.25 17.88	15.00 15.00	4.00 3.83	3.50 3.50	9.71 9.75	10.00 10.00	As Certified As Certified
F. W. STOCK & SONS, Rilledale, Mich. Stock's Winter Wheat Bran (439)	15.75	13.50	3.97	2.75	8.66	10.00	As Certified
UNITED MILLS CO., INC., Grafton, Ohio U.M.C. Wheat Bran (261) U.M.C. Wheat Bran (585)	15.13 15.88	15.00 15.00	3.73 3.90	4.00 4.00	9.58 9.49	10.00 10.00	As Certified As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
VOLANT MILLS, Volant, Pa.							
Pure Wheat Bran (239)	15.88	14.00	3.53	4.00	9.34	10.00	As Certified
WOODBURY MILLING COMPANY Woodbury, Pa.							
Pure Wheat Bran (136)	15.69	13.00	3.35	3.50	8.66	10.00	As Certified
Average	16.25	-----	3.84	----	8.90	-----	
Wheat Middlings							
(With and Without Ground Grain Screenings)							
R. S. ALTMAN, Irwin, Pa.							
Trojan Flour Middlings with Wheat Screenings not exceeding Mill Run (186)	15.19	15.00	3.66	3.00	4.03	3.50	As Certified
ARENDTSVILLE ROLLER MILLS Arendtsville, Pa.							
Pure Wheat Middlings (959)	15.50	16.00	3.67	4.00	2.85	6.00	As Certified
BARE MILLING COMPANY Roaring Spring, Pa.							
Wheat Middlings (387)	15.13	16.00	3.78	4.00	4.26	6.00	As Certified
BROWN MILLING CO., Loyeburg, Pa.							
Wheat Middlings (79)	12.63	14.00	1.96	5.00	1.18	9.00	As Certified
BUCKEYE CEREAL CO., Massillon, Ohio							
White Middlings (284)	17.88	15.00	3.50	3.50	3.66	5.50	As Certified
CITY FLOURING MILLS, INC., Muncy, Pa.							
Wheat Middlings (1223)	16.44	14.00	4.49	4.00	5.16	6.00	As Certified
B. A. ECKHART MILLING COMPANY Chicago, Ill.							
Pure Wheat Flour Middlings (568)	19.06	15.00	4.42	3.00	3.91	6.00	As Certified
D. D. FRITCH MILLING COMPANY Macungie, Pa.							
Wheat Middlings (869)	16.69	17.00	3.85	3.75	5.22	5.75	As Certified
P. B. FURRY, Loyeburg, Pa.							
Wheat Middlings (91)	15.00	15.00	3.95	4.00	2.24	8.00	As Certified
GENERAL MILLS, INC., Minneapolis, Minn.							
Gold Medal Hard Wheat Flour Middlings and Wheat Screenings (378)	18.44	16.00	4.66	4.00	4.59	6.00	As Certified
INTERNATIONAL MILLING COMPANY Minneapolis, Minn.							
Black Hawk Wheat Flour Middlings (422)	19.31	16.00	4.68	3.50	3.54	4.00	As Certified
Black Hawk Wheat Flour Middlings (1151)	17.50	16.00	4.01	3.50	4.03	4.00	As Certified
Black Hawk Wheat Standard Middlings with Ground Screenings not exceeding Mill Run (421)	18.25	16.00	4.76	4.50	8.48	8.50	As Certified
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Wheat Flour Middlings (157)	15.06	16.50	3.68	4.39	3.35	5.96	As Certified
NATIONAL MILLING BRANCH OF THE NATIONAL BISCUIT CO., Toledo, Ohio							
Namico (Wheat Middlings with Ground Screenings not exceeding Mill Run) (185)	16.38	15.00	4.04	3.50	4.98	9.00	As Certified
Tolio (Wheat Middlings and Wheat Flour with Ground Screenings not exceeding Mill Run (368)	16.13	15.00	3.43	3.50	3.36	6.00	As Certified
PILLSBURY FLOUR MILLS COMPANY Minneapolis, Minn.							
Pillsbury's Hard Wheat A Middlings with Ground Wheat Screenings not exceeding Mill Run (362)	19.00	16.00	4.63	4.00	4.57	6.00	As Certified
Pillsbury's Hard Wheat A Middlings with Ground Wheat Screenings not exceeding Mill Run (567)	18.63	16.00	4.50	4.00	4.35	6.00	As Certified
C. C. REPLOGLE, Woodbury, Pa.							
Winter Wheat Middlings (119)	13.69	15.00	3.17	3.50	3.02	11.00	As Certified
F. W. STOCK & SONS, Hilledale, Mich.							
Stock's Wheat Middlings (584)	16.44	17.50	4.21	4.00	6.25	7.00	As Certified
TONOLOWAY MILLS, Hancock, Md.							
Pure Wheat Middlings (39)	15.00	14.00	3.41	2.50	3.40	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
UNITED MILLS CO., INC., Grafton, Ohio							
.M.C. Wheat Middlings with Ground Screenings not exceeding Mill Run (260)	16.94	16.50	4.48	5.00	6.31	7.50	As Certified
UNIVERSAL GRAIN CORP., New York, N. Y.							
heat Standard Middlings with Ground Screenings not exceeding Mill Run (1084)	15.44	14.00	4.01	4.00	9.11	9.50	Ae Certified
VITALITY MILLS, INC., Chicago, Ill.							
heat Middlings and Ground Wheat Screenings not exceeding Mill Run (508)	17.19	14.00	5.12	4.00	7.84	9.50	Ae Certified
VOLANT MILLS, Volant, Pa.							
ure Wheat Middlings (240)	16.19	16.00	4.25	4.50	5.52	8.00	Ae Certified
WOODBURY MILLING COMPANY Woodbury, Pa.							
lue Ribbon Flour Middlings (137)	13.88	15.00	2.96	3.00	2.08	6.00	As Certified
Average	16.38	-----	3.96	----	4.51	----	
Wheat Mixed Feed							
C. W. BRISTER & SON, Auburn, N. Y.							
rize Mixed Feed (642)	18.81	13.00	4.38	3.50	7.82	9.00	Ae Certified
THE MENNEL MILLING CO., Toledo, Ohio							
lemo (Soft Wheat Mixed Feed with Mill Run Screenings) (494)	15.69	15.00	4.02	4.00	7.02	8.00	As Certified
Average	17.25	-----	4.20	----	7.42	----	
Red Dog Wheat Flour							
GENERAL MILLS, INC., Minneapolis, Minn.							
ashburn'e Cold Medal Rard Wheat Adrian Red Dog (1226)	18.50	16.00	4.80	3.50	3.74	4.00	As Certified
Wheat Gray Shorts							
FARMERS SERVICE BUREAU Baltimore, Md.							
heat Gray Shorts (618)	18.63	15.00	3.03	3.50	4.12	5.00	As Certified
Rye Middlings							
D. D. FRITCH MILLING COMPANY Macungie, Pa.							
ye Middlings (868)	17.31	14.00	2.71	3.00	3.82	4.50	As Certified
ALFALFA MEAL							
THE A. B. CAPLE CO., Toledo, Ohio							
lfalfa Meal Medium Ground (896)	16.75	13.00	1.78	1.00	26.55	33.00	As Certified
.7% Capex Dehydrated Alfalfa Meal (588)	17.88	17.00	2.95	2.00	23.91	27.00	As Certified
HARRY D. GATES CO., Hudson, Mich.							
unshine Brand Alfalfa Meal (543)	16.19	17.00	1.54	1.50	29.22	28.00	As Certified
unshine Brand Alfalfa Meal (1198)	15.38	17.00	3.49	1.50	26.10	28.00	As Certified
PECOS VALLEY ALFALFA MILL COMPANY Chandler, Arizona							
hio Pecos Special Alfalfa Meal (450)	15.69	13.00	1.19	1.50	33.20	33.00	As Certified
SUNNY SLOPE FARMS, Nazareth, Pa.							
unny Slope Farms Brand Alfalfa Meal (447)	16.44	17.00	1.98	2.00	29.90	27.00	As Certified
Average	16.39	-----	2.16	----	28.14	-----	
OAT BY-PRODUCT							
Oat Feed							
J. A. FORREST CO., Minneapolis, Minn.							
ronco Oat Mill Feed (888)	5.88	6.00	1.89	2.00	25.61	25.00	Ae Certified
NATIONAL OATS COMPANY Cedar Rapids, Iowa							
ed 3 Hygrade Oat Feed (445)	11.56	11.00	3.57	3.50	20.07	19.00	Ae Certified
Average	8.72	-----	2.73	----	22.84	-----	
Oat Feed--Sweetened							
FARM BUREAU MILLING CO., Manheim, Pa.							
ugared Oat Mill Feed 20% Molasses (1032)	6.13	4.50	1.89	1.20	22.22	24.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE QUAKER OATS CO., Chicago, Ill.							
Sugared Vim Oat Mill Feed (69)	5.69	4.50	1.52	1.26	24.28	27.50	As Certified
Sugared Vim Oat Mill Feed (891)	5.75	4.50	1.65	1.25	25.52	27.50	Ae Certified
Quaker Oat Mill Feed with 25% Molaeeee (410)	5.44	4.00	1.07	1.00	23.78	23.50	Ae Certified
Average	5.75	----	1.51	----	23.95	-----	
DRIED BEET PULP							
LARROWE MILLING CO., Detroit, Mich.							
Dried Beet Pulp (130)	11.19	7.00	0.56	0.30	16.67	22.60	Ae Certified
Dried Beet Pulp (573)	9.13	7.00	0.43	0.30	20.84	22.50	Ae Certified
Dried Beet Pulp (1225)	9.56	7.00	0.45	0.30	20.56	22.50	As Certified
Average	9.96	----	0.48	----	19.35	-----	
MIXED FEEDS--PROPRIETARY AND MISCELLANEOUS							
Proprietary Dairy Feed							
ALLIED MILLS, INC., Chicago, Ill.							
Amco Sucrene 24% Dairy Feed (562)	24.00	24.00	3.96	3.50	9.75	12.00	Ae Certified
Amco 32% Supplement Dairy Feed (561)	32.38	32.00	4.02	4.00	5.86	9.00	Ae Certified
Sugarine 16½% Dairy Feed (808)	21.00	16.50	4.30	3.00	9.71	12.00	Ae Certified
Sugarine 16½% Dairy Feed (1152)	16.88	16.50	3.66	3.00	10.38	12.00	Ae Certified
Sugarine 20% Dairy Feed (811)	23.00	20.00	3.70	3.50	8.47	12.00	Ae Certified
Topper 16% Dairy Feed (382)	18.56	16.00	3.07	3.00	10.03	12.00	Ae Certified
Topper 16% Dairy Feed (701)	18.50	16.00	3.06	3.00	9.01	12.00	Ae Certified
Topper 16% Dairy Feed (816)	19.06	16.00	3.47	3.00	8.28	12.00	Ae Certified
Wayne 20% Dairy Feed (810)	21.63	20.00	4.20	4.00	7.53	9.00	Ae Certified
Wayne 32% Dairy Feed (592)	37.63	32.00	4.10	4.00	6.21	9.00	Ae Certified
Wayne 32% Dairy Feed (700)	34.69	32.00	3.91	4.00	6.24	9.00	Ae Certified
Wayne 32% Dairy Feed (809)	33.81	32.00	4.13	4.00	6.35	9.00	Ae Certified
Wayne Sweet Mix (815)	32.94	27.00	5.90	4.00	6.95	8.00	Ae Certified
R. S. ALTMAN, Irwin, Pa.							
32% Dairy Concentrate (269)	35.50	32.00	4.50	4.00	6.12	10.00	Ae Certified
32% Dairy Concentrate (330)	34.38	32.00	4.26	4.00	6.67	10.00	Ae Certified
32% Dairy Concentrate (800)	34.75	32.00	4.20	4.00	6.49	10.00	Ae Certified
16% Dairy Ration (189)	19.00	16.00	4.04	3.00	9.95	12.00	Ae Certified
16% Dairy Ration (264)	19.50	16.00	3.85	3.00	9.68	12.00	Ae Certified
16% Dairy Ration (334)	19.69	16.00	3.42	3.00	10.08	12.00	Ae Certified
16% Dairy Ration (798)	19.00	16.00	4.11	3.00	9.61	12.00	Ae Certified
20% Dairy Ration (188)	22.69	20.00	4.69	4.00	7.72	12.00	Ae Certified
20% Dairy Ration (265)	22.94	20.00	4.30	3.50	8.57	12.00	Ae Certified
20% Dairy Ration (333)	21.76	20.00	3.99	3.50	8.66	12.00	Ae Certified
20% Dairy Ration (340)	22.56	20.00	4.25	4.00	8.28	12.00	Ae Certified
20% Dairy Ration (797)	24.06	20.00	4.42	3.50	8.94	12.00	Ae Certified
20% Dairy Ration (1288)	20.56	20.00	4.23	3.50	7.67	12.00	Ae Certified
24% Dairy Ration (187)	24.56	24.00	4.62	4.00	7.45	12.00	Ae Certified
24% Dairy Ration (267)	24.38	24.00	4.51	3.50	8.44	12.00	As Certified
24% Dairy Ration (331)	24.69	24.00	4.26	3.50	8.80	12.00	Ae Certified
24% Dairy Ration (603)	26.88	24.00	4.49	4.00	6.99	12.00	As Certified
24% Dairy Ration (796)	25.26	24.00	4.70	3.50	9.41	12.00	Ae Certified
Super A 20% Milkere Ration (263)	22.88	20.00	4.00	3.75	6.89	10.00	Ae Certified
Super A 20% Milkere Ration (332)	22.69	20.00	4.23	3.75	7.29	10.00	Ae Certified
AMERICAN STORES CO., Philadelphia, Pa.							
Farmdale 16% Dairy Feed (916)	18.31	16.00	3.28	3.00	10.84	12.00	Ae Certified
Farmdale 16% Dairy Feed (1296)	16.00	16.00	3.68	3.00	10.30	12.00	Ae Certified
Farmdale 24% Dairy Feed (910)	25.38	24.00	3.88	4.00	10.53	12.00	Ae Certified
H. O. AYER, Ulster, Pa.							
20% Dairy Ration (57)	20.31	20.00	3.26	4.00	4.74	9.00	Ae Certified
R. A. BATES & SON, Knoxville, Pa.							
Oak Leaf 20% Dairy Ration (842)	21.75	20.00	3.55	4.00	7.91	9.00	Ae Certified
Oak Leaf 24% Dairy Ration (840)	27.00	24.00	4.05	4.00	8.21	9.00	Ae Certified
BEDFORD MILLING CO., Bedford, Pa.							
Bedford 16% Cowdiet (22)	21.50	16.00	4.08	4.00	7.49	9.00	Ae Certified
Bedford 20% Cowdiet (21)	22.13	20.00	3.68	4.00	6.38	8.00	Ae Certified
Bedford Dry & Freshening (15)	13.69	12.00	2.76	2.50	11.97	12.00	As Certified
Bedford Dry & Freshening (781)	13.06	12.00	2.50	2.50	13.63	12.00	Ae Certified
Bedford 34% Farm Mix (19)	34.69	34.00	3.64	4.50	5.62	7.00	Ae Certified
Farm King 16% Dairy (18)	17.38	16.00	3.98	3.00	10.19	12.00	Ae Certified
Farm King 20% Dairy (17)	20.06	20.00	3.42	3.50	8.89	11.00	As Certified
Farm King 24% Dairy (16)	25.00	24.00	4.51	4.00	8.84	12.00	Ae Certified
THE BIG FOUR MILLS, LTD. Covington, Kentucky							
Big Four Dairy Supplement (384)	31.94	32.00	4.28	6.00	8.55	9.00	Ae Certified
Big Four Dairy Supplement (1248)	33.50	32.00	3.48	6.00	7.18	9.00	Ae Certified
O.K. 20% Dairy Feed (1246)	22.00	20.00	4.09	3.50	10.66	10.00	Ae Certified
O.K. 20% Dairy Feed (1278)	19.94	20.00	3.40	3.50	13.53	10.00	Ae Certified
BROWN & FASSETT, Tunkhannock, Pa.							
B. & F. Dairy Ration (663)	22.75	23.00	4.56	4.00	6.78	9.00	Ae Certified
B. & F. Milk Ration (662)	19.50	18.00	3.60	3.50	10.74	11.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JOHN S. BROWN'S SON, New Castle, Pa.							
ur Quality 20% Dairy Ration (610)	24.13	20.00	2.58	4.00	9.70	12.00	As Certified
ur Quality 24% Dairy Ration (609)	27.94	24.00	4.34	4.00	7.64	12.00	As Certified
BROWN MILLING CO., Loysburg, Pa.							
rown's Best Dairy Feed (77)	20.66	20.00	3.84	6.00	11.06	12.00	As Certified
hite Rose Dairy Feed (76)	22.56	24.00	4.26	5.00	9.26	12.00	As Certified
BUCKEYE CEREAL CO., Masaillon, Ohio							
6% Buckeye Bar-X Dairy Feed (523)	17.56	16.00	2.87	2.70	9.60	12.00	As Certified
0% Buckeye Bar-X Dairy Feed (363)	25.25	20.00	2.87	3.00	9.61	12.00	As Certified
4% Buckeye Malto Dairy Feed (362)	24.56	24.00	3.52	3.00	6.85	10.00	As Certified
4% Buckeye Malto Dairy Feed (527)	25.81	24.00	3.85	3.00	7.41	10.00	As Certified
CANONSBURG MILLING COMPANY Canonsburg, Pa.							
.M.C. 20% Dairy Feed (1112)	19.31	20.00	4.18	4.00	7.99	9.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
B% Cow Feed (657)	21.19	18.00	3.87	3.00	6.80	12.00	As Certified
B% Cow Feed (1213)	18.94	18.00	3.44	3.00	11.85	12.00	As Certified
0% Cow Feed (58)	22.25	20.00	3.61	3.50	5.76	10.00	As Certified
0% Cow Feed (655)	22.13	20.00	4.09	3.50	6.26	10.00	As Certified
0% Cow Feed (1064)	23.50	20.00	4.26	3.50	7.77	10.00	As Certified
4% Dairy Supplement (1212)	36.94	34.00	4.69	4.00	6.63	10.00	As Certified
xchange Dairy (651)	22.19	20.00	4.64	4.00	5.81	9.00	As Certified
xchange Dairy (1061)	25.19	20.00	4.46	4.00	7.37	9.00	As Certified
egume Dairy (656)	20.38	18.00	4.42	4.00	6.06	9.00	As Certified
egume Dairy (1063)	22.88	18.00	4.84	4.00	6.59	9.00	As Certified
ilk Maker (647)	26.63	24.00	5.02	4.00	6.12	9.00	As Certified
ilk Maker (1057)	26.94	24.00	4.82	4.00	7.42	9.00	As Certified
ilk Maker (1208)	27.44	24.00	4.88	4.00	7.13	9.00	As Certified
ummer Dairy (1058)	22.94	20.00	4.63	4.00	8.84	10.00	As Certified
uper Exchange Dairy (41)	23.56	20.00	5.09	4.50	6.12	9.50	As Certified
uper Exchange Dairy (59)	22.69	20.00	4.72	4.50	6.18	9.50	As Certified
uper Exchange Dairy (1060)	22.75	20.00	5.39	4.50	6.95	9.50	As Certified
uper Milk Maker (43)	27.50	24.00	5.36	4.50	6.56	9.50	As Certified
uper Milk Maker (1059)	26.31	24.00	5.28	4.50	7.26	9.50	As Certified
CRAWFORD BROTHERS, INC., Walton, N. Y.							
rawford's Best of All 24% Sweet Ration (1300)	27.75	24.00	4.71	5.00	6.97	8.00	As Certified
CUSTER'S FLOUR MILL, Milton, Pa.							
uster's 20% Dairy Ration (1205)	21.25	20.00	4.02	3.00	7.91	8.00	As Certified
uster's 24% Dairy Ration (1206)	26.50	24.00	4.55	3.00	9.34	9.00	As Certified
uster's 32% Dairy Ration (1204)	32.06	32.00	4.85	4.50	8.28	8.50	As Certified
DARLINGTON MILLING COMPANY Darlington, Pa.							
armico 20% Dairy (680)	24.81	20.00	3.84	3.00	7.05	8.00	As Certified
DAYTON MILLING CO., Towanda, Pa.							
ayton's 20% Dairy Ration (490)	20.88	20.00	3.37	4.00	5.58	10.00	As Certified
ayton's Fox Chase Dairy Ration (487)	21.69	20.00	4.64	4.50	6.53	10.00	As Certified
ayton's Ideal Dairy Ration (489)	24.75	24.00	3.54	4.00	6.20	10.00	As Certified
DEAN & LEE, Horseheads, N. Y.							
erfection Dairy Ration (854)	21.06	20.00	4.11	4.00	9.85	9.00	As Certified
ioneer Dairy Ration (849)	25.75	24.00	4.50	4.50	8.96	9.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass.							
ilpail (513)	22.56	20.00	4.65	4.00	6.79	8.50	As Certified
ighland 16 (510)	18.31	16.00	4.24	4.00	7.65	11.00	As Certified
ighland 20 (519)	21.31	20.00	4.24	4.00	8.89	11.50	As Certified
2% Supplement Feed (514)	34.19	32.00	5.22	4.50	6.97	8.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
onestoga 20% Dairy Feed (922)	23.00	20.00	4.60	4.00	9.45	11.00	As Certified
shelman S-O-S Dairy Feed (950)	13.81	11.00	2.43	2.00	15.32	15.00	As Certified
ed Rose 20 Dairy Feed (349)	23.06	20.00	3.88	4.00	9.01	11.00	As Certified
ed Rose 32% Mixing Ration (901)	36.44	32.00	4.63	4.50	7.72	9.00	As Certified
J. I. ESHLEMAN & SONS Greencastle, Pa.							
.L.M. 16% Dairy Feed (429)	18.63	16.00	3.61	4.00	10.74	12.00	As Certified
.L.M. 20% Dairy Feed (433)	24.19	20.00	3.84	4.00	9.01	12.00	As Certified
.L.M. 24% Dairy Feed (431)	29.75	24.00	3.89	4.00	9.03	10.00	As Certified
2% Dairy Supplement (434)	36.94	32.00	4.75	4.50	7.28	9.00	As Certified
FARM BUREAU MILLING COMPANY Manheim, Pa.							
3% Dairy (1028)	21.25	18.00	3.38	3.00	10.91	12.00	As Certified
0% Dairy (1050)	20.63	20.00	3.99	3.50	7.12	12.00	As Certified
2% Mermade Balancer (1019)	35.56	32.00	5.11	5.50	6.92	6.50	As Certified
8% Milk Maker (1030)	19.50	18.00	3.67	4.00	6.59	9.00	As Certified

200-4-40

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
20% Milk Maker (1027)	21.69	20.00	4.02	4.00	6.32	10.00	As Certified
20% Milk Maker (1036)	21.75	20.00	4.11	4.00	6.15	10.00	As Certified
20% Milk Maker (1038)	25.69	20.00	4.46	4.00	6.62	10.00	As Certified
24% Milk Maker (1031)	25.81	24.00	3.77	4.00	6.17	10.00	Ae Certified
34% Milk Maker (1035)	36.69	34.00	4.10	3.50	6.87	7.50	As Certified
Super 20% Milk Maker (1026)	22.44	20.00	4.31	4.50	7.52	9.50	As Certified
Super 24% Milk Maker (1051)	25.31	24.00	4.58	4.50	8.03	9.50	As Certified
Super 32% Milk Maker (1034)	35.00	32.00	4.41	4.00	9.24	10.00	Ae Certified
GEORGE D. FERGUSON & SON, Oxford, Pa.							
Farmers Special Mixture (1000)	32.63	32.00	5.63	4.50	9.91	10.00	As Certified
FLORY MILLING CO., INC., Bangor, Pa.							
Flory's Hi-Analysis Dairy Feed (1101)	24.75	32.00	3.64	4.00	9.49	10.00	As Certified
Flory's 24% Special Dairy Feed (1096)	24.00	24.00	4.47	4.00	9.33	10.00	Ae Certified
National Dairy Feed (1098)	18.31	16.00	3.73	3.00	10.88	12.00	As Certified
D. D. FRITCH MILLING COMPANY Macungie, Pa.							
XXXX Better 24% Dairy Feed (874)	25.25	24.00	3.50	3.50	7.97	9.00	As Certified
P. B. FURRY, Loysburg, Pa.							
Furry's Beet Pulp Dairy Feed (89)	24.31	20.00	3.17	4.00	6.84	11.00	As Certified
Furry's 20% Economy Dairy Feed (87)	21.44	20.00	3.13	4.00	8.91	11.00	As Certified
Furry's 24% Quality Dairy Feed (82)	26.44	24.00	4.07	4.00	8.04	11.00	As Certified
H. L. GARRISON & BROTHER Berwick, Pa.							
Dairy Feed (633)	19.25	18.50	4.60	4.50	8.03	8.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y.							
Daily Milk Dairy Feed (686)	17.56	16.00	4.19	3.00	11.01	12.00	As Certified
Milky Way Dairy Feed 20% (1146)	26.13	20.00	3.51	2.75	8.98	9.00	As Certified
HALES & HUNTER COMPANY, Chicago, Ill.							
Red Horn 20% Dairy Feed with Flaked Corn and Crimped Oats (1013)	23.56	20.00	3.60	4.00	6.74	10.00	As Certified
HARPER GRAIN CO., Pittsburgh, Pa.							
Green Pastures 20% Milk Ration (201)	19.88	20.00	4.63	4.00	8.87	12.00	As Certified
I. B. HEIMBACH & SON East Greenville, Pa.							
Plain Sack Dairy Feed (702)	26.75	24.00	4.53	4.00	7.64	10.00	As Certified
18% Special Dairy Feed (703)	19.81	18.00	5.06	3.50	8.62	11.00	As Certified
EUGENE HELWIG & BROTHER Catawiesa, Pa.							
Helwig's Blue Ribbon 20% Dairy Feed (290)	24.13	20.00	3.81	3.00	7.59	10.00	As Certified
THE HERRMAN-McLEAN COMPANY Cleveland, Ohio							
Ohio 24% Dairy Ration (1118)	24.19	24.00	3.63	3.00	10.06	12.00	As Certified
Portage 20% Dairy Ration (345)	20.88	20.00	3.97	3.00	10.38	12.00	As Certified
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.							
Tru-Mix 20% Dairy Ration (Sweetened) (1194)	23.69	20.00	3.90	4.50	7.64	9.00	As Certified
Tru-Mix 24% Dairy Ration (Sweetened) (1195)	25.56	24.00	3.99	4.50	6.95	9.00	As Certified
HUBBARD MILLING CO., Mankato, Minn.							
Hubbard's Sunshine Concentrate (160)	35.50	32.00	4.50	4.50	5.88	7.00	Ae Certified
Rubbard's Sunshine Concentrate (1291)	33.56	32.00	5.05	5.00	6.21	7.00	As Certified
HUNTSINGER'S MILL, Hegins, Pa.							
Quality Dairy Ration (230)	21.38	20.00	4.14	4.50	8.25	8.00	As Certified
Quality Dairy Ration (1266)	21.38	20.00	4.27	4.50	8.85	10.00	Ae Certified
KASCO MILLS, INC., Waverly, N. Y.							
Apex 24% Dairy Feed (1283)	26.50	24.00	3.88	3.50	8.62	12.00	Ae Certified
Kasco Sweet 16% Dairy Feed (540)	16.81	16.00	3.61	3.50	12.14	12.00	As Certified
F. B. KERN, Catawissa, Pa.							
Blue Ribbon 24% Dairy Feed (1274)	25.69	24.00	4.54	3.50	8.53	11.00	As Certified
Kernie's 32% Dairy Supplement (1273)	33.75	32.00	4.52	3.50	6.99	10.00	As Certified
Kernie's Sweet 16% Dairy Feed (1272)	20.31	16.00	3.98	2.80	11.50	11.00	As Certified
LARROWE MILLING CO., Detroit, Mich.							
Larro 16 Dairy Feed (972)	18.81	16.00	3.88	3.00	9.85	11.00	As Certified
Larro The Ready Ration for Dairy Cows (575)	21.94	20.00	4.18	3.75	9.64	12.00	As Certified
Larro The Ready Ration for Dairy Cowe (867)	22.69	20.00	5.15	3.75	9.83	12.00	Ae Certified
Larro The Ready Ration for Dairy Cowe (969)	22.50	20.00	3.94	3.75	9.76	12.00	As Certified
Larro The Ready Ration for Dairy Cows (1138)	22.81	20.00	3.97	3.75	9.46	12.00	Ae Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MARITIME MILLING CO., INC. Buffalo, N. Y.							
Hi-Test Dairy Feed 20% Protein (Sweetened) (835)	20.19	20.00	4.35	4.00	10.44	12.00	As Certified
Hi-Test Dairy Feed 24% Protein (Sweetened) (759)	24.06	24.00	3.83	4.00	10.28	12.00	As Certified
Hi-Test Dairy Feed 24% Protein (Sweetened) (836)	27.69	24.00	3.92	4.00	9.56	12.00	As Certified
Marmico 16% Protein Dairy Feed with Molasses (320)	22.06	16.00	3.86	4.00	9.71	12.00	As Certified
Marmico 16% Protein Dairy Feed with Molasses (758)	19.50	16.00	3.72	4.00	11.09	12.00	As Certified
Marmico 16% Protein Dairy Feed with Molasses (833)	18.19	16.00	3.93	4.00	11.51	12.00	As Certified
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Blue Ribbon Dairy Feed (151)	20.38	20.00	3.70	4.00	9.20	12.00	As Certified
McMILLEN FEED MILLS, INC. Fort Wayne, Ind.							
Master Mixing Feed with 30% Molasses (495)	28.56	24.00	1.76	2.50	8.21	8.00	As Certified
Master Mixing Feed with 30% Molasses (769)	30.19	24.00	1.80	2.50	7.97	8.00	As Certified
Master Mix 32% Dairy Concentrate (99)	34.31	32.00	3.08	3.00	5.94	9.00	As Certified
Master Mix 32% Dairy Concentrate (1219)	35.06	32.00	2.69	3.00	6.12	9.00	As Certified
S. E. MENGLE'S SONS, Pottsville, Pa.							
Sensons 20% Dairy Ration (312)	21.06	20.00	3.74	3.50	6.81	12.00	Ae Certified
Sensone 24% Dairy Ration (309)	22.44	24.00	5.07	3.50	8.51	12.00	As Certified
THE MIFFLINBURG FARMERS EXCHANGE, INC. Mifflinburg, Pa.							
Farmers 32% Dairy Feed (546)	32.94	32.00	4.06	4.00	7.17	9.00	As Certified
Farmers 20% Milk Producer (548)	21.69	20.00	4.06	4.00	7.32	10.00	As Certified
Farmers Sugared Dairy Ration (549)	18.00	15.00	3.65	3.30	8.87	12.00	Found in addition charcoal.
MILLPORT ROLLER MILLS, Lititz, Pa.							
Zook's Just Rite 20% Dairy Feed (1044)	21.75	20.00	4.40	3.50	12.67	9.50	As Certified
Zook's Just Rite 24% Dairy Feed (1048)	22.06	24.00	3.80	3.75	11.35	9.25	As Certified
GEORGE Q. MOON & CO., INC. Binghamton, N. Y.							
Moon's 24% Dairy Ration (643)	26.56	24.00	3.80	4.00	7.37	10.00	As Certified
Special A Dairy 20% Ration (639)	24.19	20.00	3.92	4.00	7.55	10.00	As Certified
U.S. 20% Dairy Ration (638)	22.56	20.00	3.80	4.00	11.54	12.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa.							
Cash & Carry 24% Dairy Ration (255)	27.13	24.00	3.66	3.50	7.27	11.00	As Certified
Our Special 20% Dairy Feed (254)	24.25	20.00	3.32	3.00	7.56	11.00	As Certified
Suneide Brand Pennsylvania State Farmers Dairy Ration Big 5 (253)	25.19	24.00	4.04	4.00	7.88	9.00	As Certified
Super 34% Dairy Ration (262)	38.56	34.00	3.98	4.00	6.56	8.00	As Certified
OLD FORT MILLS, INC., Harrisburg, Pa.							
Old Clock 16½% Dairy Feed (706)	17.06	16.50	2.73	3.00	11.89	12.00	As Certified
Old Clock 16½% Dairy Feed (897)	18.94	16.50	4.85	3.00	11.09	12.00	As Certified
Old Clock 20% Dairy Feed (902)	23.38	20.00	3.31	3.50	13.01	12.00	As Certified
Old Fort 32% Cow Mix (903)	33.19	32.00	3.77	4.00	8.09	11.00	As Certified
OMWAKE & OLIVER, Greencastle, Pa.							
Antrim 16% Dairy (97)	15.38	16.00	2.90	3.50	6.95	9.00	As Certified
Antrim 24% Dairy (98)	25.31	24.00	2.65	4.00	6.79	9.00	As Certified
THE PARK & POLLARD CO., Buffalo, N. Y.							
Doublex 20% Dairy Ration (305)	20.44	20.00	3.69	3.50	9.57	11.00	As Certified
Doublex 24% Dairy Ration (156)	26.63	24.00	4.24	3.50	9.10	11.00	As Certified
Park & Pollard 32% Mixing Ration (159)	32.81	32.00	5.42	4.00	6.59	9.00	As Certified
PENN JERSEY FEED MILLS Philadelphia, Pa.							
Penn Jersey 24% Dairy (999)	24.94	24.00	4.35	4.00	8.12	10.00	As Certified
PETERSBURG MILLING CO., Bessemer, Pa.							
Pemico Dairy Feed (596)	25.25	24.00	4.44	4.00	9.61	10.00	As Certified
PRATT FOOD CO., Hammond, Ind.							
Pratts Sweet 16% Dairy Feed (756)	20.25	16.00	3.14	3.00	7.35	12.00	As Certified
Utility Sweet 20% Dairy Feed (757)	21.63	20.00	4.89	3.50	9.39	12.00	As Certified
Utility Sweet 32% Dairy Feed (755)	34.69	32.00	3.45	3.50	5.28	9.00	As Certified
PRESTONS, INC., Canton, Pa.							
Sweet Dairy #3 (457)	24.88	20.00	3.36	4.00	5.64	8.00	As Certified
16% Dairy (464)	20.44	16.00	3.87	3.50	10.89	12.00	As Certified
24% Dairy Ration (456)	26.81	24.00	3.52	4.50	6.43	10.00	As Certified
32% Supplement Dairy Ration (459)	34.63	32.00	4.06	4.50	6.23	10.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Quaker 24% Protein Dairy Ration (70)	24.25	24.00	3.77	3.75	10.86	12.00	As Certified
Quaker 24% Protein Dairy Ration (829)	23.00	24.00	4.36	3.75	10.86	12.00	As Certified
Quaker 24% Protein Dairy Ration (1164)	24.75	24.00	4.07	3.75	10.37	12.00	As Certified

200-4-40

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Victor Economy Dairy Feed 16% Protein (71)	19.31	16.00	3.99	2.76	10.30	12.00	Ae Certified
RALSTON PURINA CO., St. Louis, Mo.							
Purina Bulky Las Chow (Buffalo Mill) (1232)	12.38	9.00	2.34	1.30	13.35	15.00	As Certified
Purina 20% Cow Chow (170)	22.06	20.00	4.70	4.00	6.55	10.00	Ae Certified
Purina 20% Cow Chow (1237)	21.44	20.00	4.73	4.00	6.28	10.00	As Certified
Purina 24% Cow Chow (1233)	26.00	24.00	4.64	4.00	7.16	11.00	As Certified
Purina 34% Cow Chow Supplement (1231)	38.38	34.00	4.67	4.00	5.61	11.00	As Certified
Purina 34% Cow Chow Supplement (1243)	38.50	34.00	4.52	4.00	5.43	11.00	Ae Certified
Purina Dry & Freshening Chow (1230)	15.06	12.50	2.69	2.50	13.47	14.00	Ae Certified
Purina Milk Chow (24%) (1236)	26.31	24.00	4.13	3.50	7.92	11.00	As Certified
C. C. REPLOGLE, Woodbury, Pa.							
Replogle's 16% Golden Seal Dairy Feed (128)	17.00	16.00	2.79	4.00	9.93	7.00	As Certified
Replogle'e 24% Golden Seal Dairy Feed (129)	25.94	24.00	4.20	5.00	6.66	7.00	As Certified
THE RICHARDS MILLING COMPANY Cortland, Ohio							
Richard's 16% Dairy Feed (347)	15.88	16.00	2.05	4.00	11.34	12.00	As Certified
H. F. RIESER, West Leesport, Pa.							
Dairymens Ration (1016)	26.75	24.00	3.62	4.00	9.55	11.00	Ae Certified
H. G. ROBERTS, Peckville, Pa.							
Rob Rose Dairy Feed 20% (1175)	21.94	20.00	3.93	4.00	6.36	8.50	As Certified
Rob Rose Dairy Feed 24% (1174)	25.50	24.00	4.62	4.00	7.26	9.00	As Certified
H. ROCKWELL & SON, Canton, Pa.							
Bradford Dairy Ration (467)	21.44	19.00	4.86	4.50	7.13	9.00	As Certified
Canton 16% Dairy Ration (469)	16.94	16.00	4.04	4.00	11.95	12.00	As Certified
32% Mixing Ration (481)	33.11	32.00	4.93	4.25	7.20	9.00	As Certified
Rockwell's High Protein Dairy Ration (470)	23.69	23.00	3.96	4.50	6.19	9.00	As Certified
ROUX FEED MILLS, Sharon, Pa.							
Roux 16% Dairy Feed (109)	18.00	16.00	2.46	3.00	7.76	12.00	As Certified
Roux 20% Dairy Feed (111)	25.75	20.00	3.27	3.50	7.51	12.00	As Certified
Roux 24% Dairy Feed (108)	26.94	24.00	3.39	3.50	7.90	12.00	As Certified
Roux 32% Dairy Feed (107)	33.88	32.00	3.69	4.00	5.46	9.00	Ae Certified
SACRAMENTO ROLLER MILLS Sacramento, Pa.							
Sacromill Dairy Feed (1264)	22.13	20.00	4.31	4.00	8.73	11.00	As Certified
I. B. SECRIST, Millerstown, Pa.							
S. & S. 19% Dairy Feed (222)	23.44	19.00	3.14	3.50	6.84	7.00	As Certified
S. & S. 32% Dairy Supplement (218)	34.19	32.00	3.01	4.50	7.61	8.00	As Certified
STEWART BROTHERS, Claysville, Pa.							
16% Dairy Feed (1120)	18.25	16.00	4.09	4.00	8.23	12.00	Ae Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Red Letter Dairy Feed (354)	23.56	20.00	3.98	3.00	8.56	12.00	As Certified
D. A. STICKELL & SONS, INC. Rageretown, Md.							
Su-Pur Sweet 32% Mixing Ration (780)	36.19	32.00	2.34	4.50	6.91	10.00	As Certified
Zip Sweet 16% Dairy Feed (788)	17.63	16.00	3.12	3.00	11.79	12.00	As Certified
EDWIN F. STOVER ESTATE, Perkasie, Pa.							
Stover's 18% Dairy Feed (859)	20.94	18.00	4.41	3.26	8.85	12.00	Ae Certified
SWOPE COMPANY, Johnstown, Pa.							
32% Concentrate (11)	32.31	32.00	4.19	4.50	7.52	8.00	As Certified
24% Dairy Ration (12)	25.44	24.00	4.25	4.50	6.87	9.00	As Certified
18% Molasses Dairy Feed (10)	19.81	18.00	4.02	4.00	7.00	12.00	As Certified
More Milk Dairy Feed (9)	22.25	20.00	4.21	4.00	7.06	11.60	Ae Certified
More Milk Dairy Feed (637)	21.38	20.00	4.14	4.00	7.78	11.50	As Certified
THORPE, BAKER & COMPANY Carbondale, Pa.							
C A Dairy Ration (1180)	26.06	20.00	4.46	4.00	7.38	10.00	Ae Certified
High-Test Dairy Ration (1183)	21.63	20.00	4.89	4.00	6.38	10.00	As Certified
Red-Tag Dairy Ration (1184)	22.69	20.00	4.49	4.00	6.67	10.00	As Certified
Thor-Bak 24% Dairy Ration (1191)	25.81	24.00	5.10	4.00	6.87	10.00	As Certified
White-Tag Dairy Ration (1182)	23.00	20.00	4.48	4.00	6.30	10.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y.							
20% Creamatine (678)	22.63	20.00	5.84	5.00	7.57	10.00	Ae Certified
24% Creamatine (680)	25.38	24.00	5.77	5.00	8.15	10.00	Ae Certified
Ti-O-Ga Big Bag (894)	14.25	12.00	2.92	2.25	12.36	14.50	As Certified
Ti-O-Ga 16% Dairy Feed (893)	19.13	16.00	4.89	4.00	7.44	10.00	As Certified
Ti-O-Ga E-Gee 20% Dairy Feed (682)	22.94	20.00	5.02	4.50	7.85	10.00	As Certified
Ti-O-Ga E-Gee 20% Dairy Feed (895)	22.75	20.00	5.43	4.50	8.20	10.00	Ae Certified
Ti-O-Ga 32% Feed (890)	34.56	32.00	4.78	4.50	7.19	10.00	Ae Certified
THE UBIKO MILLING COMPANY Cincinnati, Ohio							
32% Sweet Union Grains (819)	34.31	32.00	4.47	4.00	7.49	10.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
UNION SUPPLY CO., Pittsburgh, Pa.							
Ueoo 20% Dairy Ration (1294)	23.69	20.00	3.51	3.50	9.50	12.00	As Certified
THE URBANA MILLS CO., Urbana, Ohio							
Urbana 20% Dairy Ration (168)	20.81	20.00	2.04	3.00	10.71	12.00	As Certified
Urbana 24% Dairy Ration (169)	26.19	24.00	2.43	3.50	10.17	12.00	As Certified
VANDERVORT MILLS, Laceyville, Pa.							
Vendervort's 16% Dairy Ration - Sweet Sixteen (54)	16.75	16.00	4.28	3.50	7.88	11.00	As Certified
Vandervort'e 18% Dairy Ration (52)	18.88	1B.00	4.34	4.00	9.05	11.00	As Certified
Vendervort's 24% Dairy Ration (47)	25.06	24.00	3.95	4.50	6.18	B.00	As Certified
Vandervort's 32% Dairy Ration (1)	33.13	32.00	4.34	4.00	6.45	6.00	As Certified
Vandervort's 32% Dairy Ration (49)	32.13	32.00	3.75	4.00	6.48	8.00	As Certified
Vandervort's 20% Special Dairy Ration (46)	20.69	20.00	4.37	4.50	6.22	8.00	As Certified
Vandervort's 20% Special Dairy Ration (672)	21.00	20.00	4.37	4.50	7.06	8.00	As Certified
VOLANT MILLS, Volant, Pa.							
24% Dairy Ration (246)	26.13	24.00	4.46	3.50	9.B0	12.00	As Certified
WARNER'S MILL, Alliance, Ohio							
Warner's 20% Dairy Feed (59B)	23.13	20.00	3.25	3.50	13.62	12.00	As Certified
Warner's 24% Dairy Feed (599)	25.25	24.00	3.29	3.50	11.9B	12.00	As Certified
WAYNESBURG MILLING COMPANY Waynesburg, Pa.							
24% Home Dairy (1113)	25.19	24.00	3.86	3.50	7.70	12.00	As Certified
Average	24.34	-----	4.02	----	8.34	-----	
Proprietary Stock, Horse and Mule Feed							
R. S. ALTMAN, Irwin, Pa.							
Altman's Horee Feed (194)	12.25	B.00	3.12	3.00	9.65	15.00	As Certified
Altman's Horse Feed (270)	12.13	8.00	3.44	3.00	7.60	15.00	As Certified
Altman's Horse Feed (801)	11.63	B.00	2.75	3.00	8.91	15.00	As Certified
Altman's Rorse Feed (1287)	11.94	8.00	3.02	3.00	7.16	15.00	As Certified
ANDERSON GRAIN & FEED CO., York, Pa.							
Anderson 85 Horse Feed (992)	9.88	9.00	3.44	3.00	6.05	10.00	As Certified
R. A. BATES & SON, Knoxville, Pa.							
Oak Leaf Fitting Ration (841)	14.88	12.00	3.56	4.00	7.81	11.00	As Certified
Oek Leaf Horse Feed (843)	11.88	11.00	3.63	3.50	6.73	8.00	As Certified
BEDFORD MILLING CO., Bedford, Pa.							
Farm King Rorse and Mule (30)	9.50	9.00	3.10	3.00	8.29	10.00	As Certified
THE BIG FOUR MILLS, LTD. Covington, Kentucky							
Big Four Horse Feed (1280)	9.57	9.50	3.46	3.50	7.43	9.00	Ae Certified
BROWN & FASSETT, Tunkhannock, Pa.							
B. & F. Fitting Ration (670)	14.81	12.00	4.21	4.00	6.45	10.00	As Certified
BUCKEYE CEREAL CO., Massillon, Ohio							
Energy Horse Feed (521)	10.56	8.50	2.B7	3.00	6.19	B.00	As Certified
H. B. CASSEL & SON, Philadelphia, Pa.							
Camo Roree Feed (1003)	8.72	7.00	2.36	1.50	B.89	12.00	As Certified
Cassel's 85% Horse Feed (733)	10.31	9.00	2.76	2.50	7.23	12.00	As Certified
COOPERATIVE FEED DEALERS, INC. Binghamton, N. Y.							
C.F.D. Fitting Ration (488)	14.06	12.00	3.30	4.00	5.22	10.00	Ae Certified
C.F.D. Horse Feed (483)	13.75	12.00	3.64	3.00	8.73	10.00	As Certified
C.F.D. Roree Feed (645)	13.13	12.00	3.70	3.00	6.92	10.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
Fitting Ration (42)	14.81	13.00	3.09	3.00	5.01	B.50	As Certified
Fitting Ration (646)	15.B8	14.00	3.90	3.00	6.B9	8.50	As Certified
Fitting Ration (661)	14.31	14.00	4.03	3.00	6.30	8.50	Ae Certified
Fitting Ration (1062)	16.88	14.00	3.56	3.00	6.81	8.50	As Certified
Horse Feed (1070)	14.19	9.00	4.10	3.00	7.18	9.00	As Certified
DEAN & LEE, Horseheads, N. Y.							
Ideal Pasture Feed (850)	22.00	1B.00	3.82	4.00	7.57	9.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Chellenge Horse Feed (979)	10.69	9.00	3.06	3.00	7.61	10.00	As Certified
Lancester 60% Horee Feed (94B)	10.B8	9.00	2.92	2.50	10.69	11.00	As Certified
Red Roee Fitting Ration (951)	15.75	12.00	4.91	3.50	7.B2	7.00	As Certified
Red Rose 85% Horse Feed (919)	11.38	9.00	3.84	3.00	6.82	10.00	As Certified
J. I. ESHLEMAN & SONS Greencastle, Pe.							
E.L.M. Horse Feed (432)	13.31	11.00	3.34	4.00	7.74	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y.							
Daily Horse Feed (Heavy Corn) (1298)	12.63	9.50	3.95	3.00	6.95	10.00	As Certified
HANEY-FRAZIER MILLING COMPANY Danville, Pa.							
H-F Stock Feed 16% (556)	17.50	16.00	3.96	4.00	7.86	8.00	As Certified
H-F Stock Feed 24% (557)	21.94	24.00	4.22	4.00	8.34	8.00	As Certified
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.							
Tru-Mix Fitting Ration (1193)	14.06	15.00	3.99	4.50	6.69	8.00	As Certified
KASCO MILLS, INC., Waverly, N. Y.							
Kasco Body Builder (674)	17.88	15.00	4.25	4.00	5.15	7.00	As Certified
GEORGE Q. MOON & CO., INC. Binghamton, N. Y.							
Fitting Ration (641)	16.81	13.00	4.32	3.00	6.88	9.00	As Certified
Old Times Horse Feed (644)	11.88	8.50	3.58	4.50	6.01	9.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa.							
Oesterling's Horse & Mule Feed (400)	11.50	10.00	3.05	3.00	9.67	12.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Quaker Schumacher Feed (281)	12.81	10.00	4.67	3.00	10.43	12.00	As Certified
Quaker Sugared Schumacher Feed (358)	10.94	10.00	3.11	3.00	11.36	12.00	As Certified
Quaker Sugared Schumacher Feed (403)	11.56	10.00	3.06	3.00	10.17	12.00	As Certified
Quaker Sugared Schumacher Feed (832)	12.31	10.00	3.67	3.00	11.83	12.00	As Certified
Quaker Sugared Schumacher Feed (991)	11.25	10.00	3.12	3.00	9.86	12.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Protena Blue Kettle Horse & Mule Feed (1277)	10.63	9.00	4.82	3.00	6.34	10.00	As Certified
Purina Omolene (174)	12.31	10.00	3.93	3.00	7.26	11.00	As Certified
C. C. REPLOGLE, Woodbury, Pa.							
Replogle's Golden Seal 85% Grain Horse Feed (126)	13.46	9.00	3.50	3.00	7.82	10.00	As Certified
THE RICHARDS MILLING COMPANY Cortland, Ohio							
Richard's Horse Feed (346)	9.69	9.00	3.10	3.00	5.41	10.00	As Certified
H. ROCKWELL & SON, Canton, Pa.							
Rockwell's Fitting Ration (468)	17.13	14.00	5.10	4.00	6.56	9.50	As Certified
Sweet Supplement (479)	13.19	10.00	2.31	1.00	16.62	20.00	As Certified
THORPE, BAKER & COMPANY Carbondale, Pa.							
Fitting Ration (1185)	13.63	12.00	3.80	4.00	5.69	10.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y.							
Colonel's Ration (883)	14.81	12.00	2.92	2.50	12.45	13.00	As Certified
Or-Co Feed (889)	20.25	18.00	4.07	3.00	9.22	12.00	As Certified
JACOB TRINLEY & SONS, Linfield, Pa.							
Favorite Horse Feed (713)	9.31	7.00	2.54	2.00	9.92	12.10	As Certified
Favorite Horse Feed (734)	10.00	7.00	2.93	2.00	11.91	12.10	As Certified
Melo Horse Feed (1004)	6.44	4.50	1.92	1.20	12.58	12.10	As Certified
Supreme 85% Horse Feed (712)	10.94	9.00	2.61	3.00	7.73	11.00	As Certified
THE UBIKO MILLING COMPANY Cincinnati, Ohio							
Honeycomb Fitting Ration (820)	14.00	12.00	2.05	2.50	14.17	15.00	As Certified
VANDERVORT MILLS, Laceyville, Pa.							
Molasses Horse Feed (55)	14.25	9.00	3.64	4.00	6.79	8.00	As Certified
Vandervort's 12% Fitting Ration (51)	14.00	12.00	4.92	4.00	5.25	7.00	As Certified
VITALITY MILLS, INC., Chicago, Ill.							
Honey Bee Horse Feed (85% Grain) (506)	10.56	9.00	2.87	3.00	5.72	10.00	As Certified
Average	13.10	-----	3.49	----	8.11	-----	
Proprietary Calf Meal							
R. A. BATES & SON, Knoxville, Pa.							
Oak Leaf Calf Meal with Dried Milk (848)	24.06	24.00	3.69	4.00	4.51	4.00	As Certified
BROWN & FASSETT, Tunkhannock, Pa.							
B. & F. Calf Meal (667)	32.44	28.00	3.70	5.00	4.31	8.00	As Certified
FARM BUREAU MILLING COMPANY Manheim, Pa.							
Calf Meal (1043)	22.75	20.00	4.01	4.00	3.67	4.50	As Certified
FLORY MILLING CO., INC., Bangor, Pa.							
Flory's Calf Ration (1100)	15.13	13.00	3.63	4.00	11.88	10.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
P. B. FURRY, Loysburg, Pa.							
Furry's Calf Meal (92)	26.13	24.00	3.54	4.00	3.78	5.00	As Certified
LARROWE MILLING CO., Detroit, Mich.							
Larro Calf Builder (971)	26.06	25.00	3.95	4.00	4.46	4.50	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Schumacher Calf Meal (629)	21.06	20.00	5.66	5.00	4.15	5.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Purina Calf Startena (1235)	21.75	19.50	3.20	3.00	8.72	9.50	As Certified
Purina Heifer Growing Chow (1229)	17.19	14.00	3.29	2.50	9.98	14.00	As Certified
Purina Heifer Growing Chow (1234)	17.00	14.00	3.47	2.50	9.62	14.00	As Certified
H. ROCKWELL & SON, Canton, Pa.							
Rockwell's Calf Ration with Yeast (475)	20.50	19.00	4.33	4.50	3.65	4.00	As Certified
Average	22.19	-----	3.86	----	6.24	----	
Proprietary Swine Feed							
ALLIED MILLS, INC., Chicago, Ill.							
Amco 40% Mineralized Hog Supplement (563)	41.06	40.00	5.43	4.00	5.26	8.00	As Certified
Empire Hog Supplement (699)	42.38	40.00	4.91	4.00	5.73	7.00	As Certified
Wayne Hog Supplement (698)	42.31	40.00	4.58	4.00	6.22	7.00	As Certified
Wayne Hog Supplement (812)	42.63	40.00	4.80	4.00	5.64	7.00	As Certified
Wayne Pork Maker (1134)	15.63	14.00	4.36	3.50	5.66	7.00	As Certified
R. S. ALTMAN, Irwin, Pa.							
Hog Feed with Yeast (181)	20.44	15.00	6.20	3.00	6.72	7.00	As Certified
Hog Feed with Yeast (268)	19.13	15.00	5.86	3.00	6.71	7.00	As Certified
Hog Feed with Yeast (325)	19.88	15.00	5.27	3.00	7.18	7.00	Found in addition oats.
Hog Feed with Yeast (337)	20.75	15.00	5.36	3.00	7.24	7.00	As Certified
Hog Feed with Yeast (795)	19.38	15.00	4.52	3.00	6.36	7.00	As Certified
BARE MILLING COMPANY Roaring Spring, Pa.							
Sterling Pig & Hog Meal (391)	17.44	15.00	4.74	4.50	6.60	11.00	As Certified
R. A. BATES & SON, Knoxville, Pa.							
Oak Leaf Pig & Hog Grower (845)	15.25	15.00	4.28	4.00	6.04	6.00	As Certified
BEDFORD MILLING CO., Bedford, Pa.							
Bedford 40% Hog Concentrate (24)	37.69	40.00	5.98	3.50	5.32	6.00	As Certified
Bedford Pig & Hog (20)	17.06	16.00	4.15	4.00	4.40	5.00	As Certified
Farm King Hogmaker (23)	17.06	16.00	3.00	3.00	5.66	7.00	As Certified
THE BIG FOUR MILLS, LTD. Covington, Kentucky							
Big Four 19% Pig & Hog Feed (1244)	21.69	19.00	3.66	5.00	4.99	9.00	As Certified
Big Four 19% Pig & Hog Feed (1279)	21.44	19.00	4.50	5.00	6.24	9.00	As Certified
BROSIUS MILLS, Rebuck, Pa.							
Brosius Hog Feed (616)	19.38	17.50	4.41	4.00	7.33	7.00	As Certified
BROWN & FASSETT, Tunkhannock, Pa.							
B. & F. Hog Ration (669)	19.31	17.00	4.93	5.00	5.09	8.00	As Certified
BROWN MILLING CO., Loysburg, Pa.							
White Rose Pig & Hog Meal (74)	19.25	17.00	3.75	5.00	8.07	9.00	As Certified
BUCKEYE CEREAL CO., Massillon, Ohio							
Buckeye Pig & Hog Meal (361)	19.25	18.00	3.78	3.50	5.14	8.00	As Certified
Prosperity Hog Meal (526)	17.13	16.00	3.76	3.00	5.09	8.50	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
Hog Feed (658)	18.81	17.00	4.58	3.50	4.73	6.00	As Certified
Hog Feed (1071)	16.69	17.00	4.93	3.50	5.09	6.00	As Certified
Hog Feed (1207)	17.69	17.00	4.96	3.50	5.28	6.00	As Certified
CUSTER'S FLOUR MILL, Milton, Pa.							
Custer's Pig Meal (1203)	18.31	18.00	4.95	3.50	5.85	5.00	As Certified
DARLINGTON MILLING COMPANY Darlington, Pa.							
Darmico Hog (583)	16.06	15.00	4.33	4.00	4.60	6.50	As Certified
DEAN & LEE, Horseheads, N. Y.							
Ideal Hog Feed (851)	18.19	12.00	5.29	4.00	7.29	7.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass.							
Hog Meal (516)	16.38	15.00	3.92	3.50	5.40	5.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Red Rose 40% Hog Meal (898)	41.75	40.00	5.10	4.50	8.68	9.00	As Certified

200-4-40

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
J. I. ESHLEMAN & SONS Greencastle, Pa.							
E.L.M. Hog Ration (435)	18.13	15.00	4.29	3.50	8.36	8.00	As Certified
E.L.M. Hog Supplement (425)	41.38	35.00	5.00	5.00	4.07	6.00	Found in addition charcoal.
Sure Curl Pig Meal (428)	19.88	18.00	4.22	4.00	6.34	9.00	As Certified
FARM BUREAU MILLING COMPANY Manheim, Pa.							
Pork Maker 17% Protein (1024)	18.63	17.00	3.83	3.50	4.30	6.00	As Certified
Pork Maker 40% Protein (1023)	41.75	40.00	4.23	3.50	6.35	7.00	As Certified
FLORY MILLING CO., INC., Bangor, Pa.							
Flory's Hog Feed (1095)	19.00	17.00	3.90	3.00	5.94	9.00	As Certified
D. D. FRITCH MILLING COMPANY Macungie, Pa.							
XXXX Pig-N-Hog Ration (873)	17.81	17.00	4.41	3.50	5.77	7.00	As Certified
P. B. FURRY, Loysburg, Pa.							
Furry's Hog Feed (88)	17.13	14.00	4.05	3.50	6.68	9.00	As Certified
Furry's Pig Meal (84)	19.06	18.00	4.41	4.00	5.55	8.00	As Certified
H. L. GARRISON & BROTHER Berwick, Pa.							
Hog Feed (631)	17.38	15.00	4.40	4.00	4.96	7.00	As Certified
HANEY-FRAZIER MILLING COMPANY Danville, Pa.							
Just Right Hog Feed (559)	17.31	15.00	5.21	4.00	9.30	8.00	As Certified
HARPER GRAIN CO., Pittsburgh, Pa.							
Select Pig & Hog Meal (195)	17.19	17.00	4.88	3.50	6.82	7.00	As Certified
THE HERRMAN-McLEAN COMPANY Cleveland, Ohio							
Ohio 15% Hog Meal (360)	16.31	15.00	3.71	4.00	8.77	8.00	As Certified
Ohio 15% Hog Meal (1117)	16.44	15.00	3.78	4.00	6.37	9.00	As Certified
J. F. HOGSETT & SONS, Uniontown, Pa.							
Hogsett Hog Supplement (372)	39.44	40.00	4.10	5.00	11.26	10.00	As Certified
Hogsett Prepared Hog Feed (371)	21.06	20.00	3.78	4.00	8.37	8.00	As Certified
Hogsett Prepared Hog Feed (1109)	20.94	20.00	5.93	4.00	8.63	8.00	As Certified
HONESDALE FLOUR & FEED COMPANY Honesdale, Pa.							
Tru-Mix Pig Feed (1197)	16.19	16.00	4.55	4.00	6.79	8.00	As Certified
KASCO MILLS, INC., Waverly, N. Y.							
Kasco Pig Hog Feed (1075)	19.38	17.00	5.45	4.00	6.73	8.00	As Certified
F. B. KERN, Catawissa, Pa.							
Kernie's 32% Hog Supplement (1276)	28.69	32.00	5.73	4.00	5.79	9.00	As Certified
KEYSTONE FEED & FARM PRODUCTS CORP. Connellsville, Pa.							
Keystone Pig & Hog Feed with Tankage (373)	18.88	15.00	4.92	3.00	5.52	11.00	As Certified
Keystone Pig & Hog Feed with Tankage (1105)	17.94	15.00	4.93	3.00	5.69	11.00	As Certified
KLINGERSTOWN MANUFACTURING CO. Klingerstown, Pa.							
Rome Hog Meal (302)	22.06	16.00	5.15	3.50	5.98	4.00	As Certified
Rome Hog Meal (1256)	18.50	16.00	5.54	3.50	6.63	4.00	As Certified
LARROWE MILLING CO., Detroit, Mich.							
Larro Pig & Hog Builder (569)	19.50	17.50	4.38	4.00	7.16	7.50	As Certified
Larro Pig & Hog Builder (1153)	18.63	17.50	4.34	4.00	7.20	7.50	As Certified
WALTER K. LONG, Center Valley, Pa.							
High Standard Pig & Hog Feed (1160)	19.06	17.00	4.27	3.75	6.02	7.75	As Certified
MANDATA ROLLER MILLS, Herndon, Pa.							
Wendt's Pig & Hog Meal (619)	17.31	16.00	3.81	4.00	9.81	8.00	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y.							
B-B Pig & Hog Concentrate (1305)	34.88	36.00	4.63	4.00	4.71	8.00	As Certified
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Champion 18% Pig & Hog Feed (149)	20.19	18.00	5.26	4.00	5.31	7.00	As Certified
MAUSER & CRESSMAN, Catasauqua, Pa.							
M. & C. Pig Feed (879)	17.69	14.50	3.80	4.00	5.37	6.00	As Certified
McMILLEN FEED MILLS, INC. Fort Wayne, Ind.							
Master Mix 40% Hog Concentrate (102)	42.50	40.00	4.88	3.50	5.70	8.00	Ae Certified
Master Mix 40% Hog Concentrate (292)	41.31	40.00	3.39	3.50	5.64	8.00	As Certified
Maeter Mix 40% Hog Concentrate (423)	41.69	40.00	4.28	3.50	5.55	8.00	As Certified
Maeter Mix 40% Hog Concentrate (525)	42.06	40.00	4.52	3.50	5.74	8.00	As Certified
Master Mix 40% Hog Concentrate (773)	41.81	40.00	3.04	3.50	6.00	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MECHANICSBURG MILLING COMPANY Mechanicsburg, Pa. Brandt's O.K. Pig & Hog Feed (774)	20.25	18.00	4.19	4.00	8.23	7.00	Found in addition charcoal.
S. E. MENGLE'S SONS, Pottsville, Pa. Semeone 40% Hog Supplement (310) Semsons 17% Pig & Hog Feed (313)	40.13 19.00	40.00 17.00	6.34 4.83	4.00 4.00	6.94 5.51	7.00 7.00	As Certified Ae Certified
THE MIFFLINBURG FARMERS EXCHANGE, INC. Mifflinburg, Pa. Fermers Pig & Hog Feed (561)	19.88	17.50	3.79	3.70	7.23	8.00	As Certified
GEORGE Q. MOON & CO., INC. Binghamton, N. Y. Hog Feed (640)	18.81	13.00	4.88	3.50	8.38	8.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa. Pennsylvania State Farmers Hog Retion No. 1 (256)	18.13	16.00	3.61	4.00	4.92	9.00	Ae Certified
OLD FORT MILLS, INC., Harrisburg, Pa. Old Fort Rog Mix (866) Old Fort Hog Mix (905)	40.50 42.56	40.00 40.00	4.54 4.91	4.00 4.00	7.10 6.12	7.50 7.50	As Certified Ae Certified
OMWAKE & OLIVER, Greencestle, Pa. Antrim Pig & Hog Meal (93)	17.44	18.00	3.80	4.00	7.00	9.00	As Certified
PRATT FOOD CO., INC., Hammond, Ind. Pratts Sugared Hog Feed (1292)	18.38	15.00	5.11	4.50	7.41	10.00	As Certified
PRESTONS, INC., Canton, Pa. Prestone Rog Ration (455)	21.31	20.00	4.80	4.50	5.21	7.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Quaker Hog Feed Balancer - 40% Protein (496) Quaker Hog Feed Balencer - 40% Protein (988)	41.44 41.88	40.00 40.00	5.48 5.53	4.00 4.00	6.24 5.14	7.00 7.00	As Certified As Certified
C. C. REPLOGLE, Woodbury, Pa. Replogle's Pig & Hog Meal (117)	17.50	18.00	3.56	3.50	4.75	6.00	As Certified
THE RICHARDS MILLING COMPANY Cortlend, Ohio Richards Pig & Hog Meel (1297)	16.06	16.00	4.79	4.00	7.91	8.00	As Certified
H. G. ROBERTS, Peckville, Pe. Rob Rose Hog Meal (1176)	17.13	15.00	4.98	4.00	5.24	6.00	As Certified
R. ROCKWELL & SON, Canton, Pa. Rockwell's Pig Ration (480)	17.19	14.00	5.24	4.25	5.56	7.00	As Certified
ROUX FEED MILLS, Sharon, Pa. Roux Pig Meal (110)	19.63	18.00	4.22	4.50	5.88	10.00	As Certified
SACRAMENTO ROLLER MILLS Sacramento, Pe. Secromill Hog Feed (298) Sacromill Hog Feed (1263)	20.06 19.81	17.00 17.00	4.46 4.22	4.00 4.00	7.16 7.34	7.00 7.00	As Certified As Certified
I. B. SECRIST, Millerstown, Pa. S. & S. Hog Meal (221) S. & S. Pig Meal (220)	16.19 19.50	15.00 18.00	3.25 4.15	4.00 4.00	5.37 6.75	7.00 5.00	As Certified As Certified
S. & R. FEED CO., Quakertown, Pa. S. & R. Hog Feed (1158)	14.81	14.00	3.79	4.00	4.94	6.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa. Iron City Brand Hog Feed (1126)	17.88	17.50	4.71	4.00	7.04	7.00	As Certified
D. A. STICKELL & SONS, INC. Hagerstown, Md. Su-Pur 36% Pig & Hog Supplement (779)	40.19	36.00	3.22	3.50	6.93	10.00	As Certified
SUNSHINE STORES, INC., Fort Weyne, Ind. Sunehine Pig & Hog Feed (814)	17.13	15.00	3.75	3.50	6.93	7.00	Ae Certified
THORPE, BAKER & COMPANY Carbondale, Pa. Thor-Bak Pig Hog Feed (1189)	15.44	14.00	4.45	4.00	4.09	7.00	As Certified
THE UBIKO MILLING COMPANY Cincinnati, Ohio 36% Hog Supplement (818) Sunbeam Pig & Hog Meal (822)	39.50 15.69	36.00 14.00	4.99 6.57	4.50 4.00	7.69 7.23	7.00 7.00	As Certified As Certified
VANDERVORT MILLS, Laceyville, Pa. Vandervort's Hog Ration (56)	21.94	20.00	4.92	4.50	4.86	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guer.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WAYNESBURG MILLING COMPANY Weynesburg, Pa.							
Home Pig & Hog Feed (367)	17.13	15.00	3.57	3.50	7.33	9.00	As Certified
Home Pig & Hog Feed (1114)	18.13	15.00	4.33	3.50	5.77	9.00	As Certified
WOODBURY MILLING COMPANY Woodbury, Pa.							
Eat Mor Pig & Hog Ration (134)	15.25	14.50	3.95	3.00	5.68	7.00	As Certified
Average	23.48	-----	4.55	----	6.30	----	
PROPRIETARY CHOP FEED							
Corn and Oats Chop							
BROWN & FASSETT, Tunkhennock, Pa.							
Pure Corn & Oats Chop (671)	11.50	10.00	4.21	3.00	6.07	8.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
Corn & Oats Ground Half & Half (660)	11.88	10.00	3.90	4.00	6.31	8.00	As Certified
DAYTON MILLING CO., Towanda, Pa.							
Corn & Oat Chop (486)	11.94	10.00	3.71	3.00	7.65	10.00	As Certified
FARMERS COOPERATIVE ASSOCIATION Wysox, Pa.							
Corn - Oat Chop (40)	11.69	10.00	3.75	3.95	8.01	6.00	As Certified
MARITIME MILLING CO., INC. Buffelo, N. Y.							
B-B Pure Corn & Oats Half & Half Ground (834)	11.81	10.00	3.48	3.00	4.49	7.00	As Certified
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Corn & Oats Chop (148)	10.25	11.00	3.81	4.00	9.09	8.28	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Corn & Oat Provender (171)	11.06	10.00	3.24	3.50	9.22	10.00	As Certified
Average	11.45	-----	3.73	----	7.26	-----	
Chop Feed							
R. S. ALTMAN, Irwin, Pa.							
Altman's Chop (266)	11.56	9.00	5.16	3.50	9.69	12.00	As Certified
Altman's Special Chop (182)	10.44	9.00	3.02	3.00	6.73	10.00	As Certified
Altman's Special Chop (278)	10.69	9.00	3.03	3.00	6.85	10.00	As Certified
Altman's Special Chop (604)	11.94	9.00	4.16	3.00	4.92	10.00	As Certified
Altman's Special Chop (794)	11.25	9.00	3.05	3.00	7.10	10.00	As Certified
BARE MILLING COMPANY Roaring Spring, Pa.							
Mixed Chop (389)	9.56	9.00	2.87	3.00	10.42	11.00	As Certified
BEDFORD MILLING CO., Bedford, Pa.							
Farm King Corn, Oats & Berley Chop (29)	12.00	10.00	3.70	3.50	8.90	10.00	As Certified
BROWN MILLING CO., Loysburg, Pa.							
Mixed Chop (76)	12.00	7.00	3.02	2.00	11.03	12.00	As Certified
BUCKEYE CEREAL CO., Massillon, Ohio							
Buckeye Equity Chop (524)	10.00	10.00	4.52	2.50	7.88	12.00	As Certified
P. J. FURRY, Loysburg, Pa.							
Mixed Chop (90)	10.88	8.00	2.87	3.00	10.36	12.00	As Certified
THE HERRMAN-McLEAN COMPANY Cleveland, Ohio							
Sugared Ohio Chop Feed (351)	9.94	8.00	3.20	2.00	11.34	12.00	As Certified
Sugared Ohio Chop Feed (1119)	10.69	8.00	3.23	2.00	10.57	12.00	As Certified
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Mixed Chop (150)	9.38	9.00	2.78	3.00	13.05	12.00	As Certified
THE MIFFLINBURG FARMERS EXCHANGE, INC. Mifflinburg, Pa.							
Farmers Sugared Chop Feed (552)	11.38	9.50	4.20	3.50	6.31	10.00	As Certified
C. C. REPLOGLE, Woodbury, Pa.							
Replogle's Mixed Chop (131)	8.81	8.00	2.97	2.50	8.04	9.00	As Certified
THE RICHARDS MILLING COMPANY Cortland, Ohio							
Richards Sweet Speciel Chop (1132)	9.06	8.00	4.91	3.00	9.18	12.00	As Certified
ROUX FEED MILLS, Sharon, Pa.							
Roux Chop (112)	24.00	10.00	2.86	3.00	11.46	12.00	As Certified
Average	11.39	-----	3.50	----	9.04	-----	

200-4-40

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
PROPRIETARY SCRATCH AND MASH FEEDS							
Scratch Feed							
ALLIED MILLS, INC., Chicago, Ill.							
Red Feather Scratch Feed (697)	10.81	9.00	2.00	2.50	2.42	4.00	As Certified
Wayne Scratch Feed (1133)	10.19	10.00	2.40	2.50	2.55	4.00	As Certified
R. S. ALTMAN, Irwin, Pa.							
Fine Chick Feed (179)	10.06	9.00	2.71	2.00	1.29	2.00	As Certified
Fine Chick Feed (336)	10.38	9.00	3.32	2.00	1.72	2.00	As Certified
Medium Scratch Feed (180)	10.13	9.00	2.32	2.00	1.74	3.00	As Certified
Medium Scratch Feed (192)	10.94	9.00	2.45	2.00	2.65	3.00	As Certified
AMERICAN STORES CO., Philadelphia, Pa.							
Farmdale Chick Grains (911)	11.56	10.00	3.88	3.00	1.91	3.00	As Certified
Farmdale Scratch Grains (913)	11.69	10.00	2.99	2.50	3.31	4.00	As Certified
ANDERSON GRAIN & FEED CO., York, Pa.							
Anderson A Pigeon Feed with Flint Corn (933)	13.69	12.00	3.85	3.00	3.37	7.00	As Certified
White Rose Scratch Grains (941)	10.75	9.00	2.89	2.50	2.89	5.00	As Certified
BEDFORD MILLING CO., Bedford, Pa.							
Bedford Fine Chix (32)	10.38	9.00	3.30	2.00	1.96	4.00	As Certified
Bedford Hen Scratch (28)	11.06	10.00	2.97	2.50	3.63	4.00	As Certified
Bedford Intermediate Scratch (31)	10.31	10.00	2.14	2.00	2.30	4.00	As Certified
Farm King Scratch (27)	10.88	10.00	2.64	2.00	3.13	4.00	As Certified
THE BIG FOUR MILLS, LTD. Covington, Kentucky							
O.K. Scratch Feed (1247)	10.38	9.00	3.47	3.00	2.63	4.00	As Certified
BROWN MILLING CO., Loysburg, Pa.							
White Rose Mixed Grains (78)	10.75	9.00	2.51	3.00	2.46	4.00	As Certified
BUCKEYE CEREAL CO., Massillon, Ohio							
Buckeye Fine Chick Grains (531)	11.19	10.00	3.30	2.00	2.33	2.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
Super Coarse Scratch (1072)	11.13	9.00	2.99	2.00	2.10	3.00	As Certified
DIETRICH & GAMBRILL, INC. Frederick, Md.							
Frederick Chick Grains (133)	10.88	10.00	4.05	3.00	1.53	3.00	As Certified
EZL. DUNWOODY CO., Philadelphia, Pa.							
Super X Chick Feed (727)	11.50	10.00	2.82	3.00	2.19	3.00	As Certified
Super X Intermediate Chick Grains (726)	10.69	10.00	3.26	3.00	2.50	3.00	As Certified
Super X Scratch Feed (725)	10.00	10.00	3.06	3.00	2.75	4.50	As Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass.							
Intermediate Scratch (517)	10.56	9.50	2.12	2.00	1.96	3.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Lancaster Pigeon Feed (921)	15.63	12.00	3.43	3.00	3.58	4.00	As Certified
Red Rose Chick Grains (925)	12.69	10.00	3.41	3.00	2.10	3.00	As Certified
Red Rose Intermediate Chick Grains (944)	11.19	10.00	3.79	3.00	1.93	3.00	As Certified
Red Rose Pigeon Feed (920)	16.81	12.00	3.39	3.00	4.40	4.00	As Certified
Red Rose Scratch Grains (917)	11.69	10.00	2.73	2.50	3.10	4.00	As Certified
J. I. ESHLEMAN & SONS Greencastle, Pa.							
E.L.M. Hen Scratch (437)	11.13	9.50	2.84	2.50	3.21	5.00	As Certified
FARM BUREAU MILLING CO., Manheim, Pa.							
Chick Scratch (1041)	12.81	9.50	3.01	2.00	2.14	3.00	As Certified
Intermediate Scratch (1040)	10.25	9.00	2.10	2.00	2.02	3.00	As Certified
Super Coarse Scratch (1042)	9.69	9.00	2.23	2.00	2.16	3.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y.							
Daily Egg Scratch Feed (960)	11.13	10.00	2.99	2.50	2.63	5.00	As Certified
Daily Growth Fine Chick Feed (961)	11.00	10.00	3.00	3.00	1.65	3.50	As Certified
HALES & HUNTER CO., Chicago, Ill.							
Morning Glory Scratch Feed (1011)	10.44	10.00	3.56	2.50	3.13	5.00	As Certified
Red Comb Scratch Grains (926)	10.88	10.00	2.66	2.50	2.88	5.00	As Certified
F. D. HARTZELL'S SONS COMPANY Chalfont, Pa.							
Perfection Scratch Feed (1169)	10.13	10.00	2.36	2.50	3.35	4.00	As Certified
KASCO MILLS, INC., Waverly, N. Y.							
Apex Scratch Grains (728)	9.75	9.00	3.21	2.50	3.00	4.00	As Certified
Kasco Chick Grains (730)	12.25	9.00	4.31	2.50	1.71	4.00	As Certified
Kasco Growing Grains (729)	10.94	9.00	3.41	2.50	2.53	4.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
KLINGERSTOWN MANUFACTURING CO. Klingerstown, Pa.							
Home Scratch Grains (303)	10.00	10.00	2.80	3.50	2.94	4.00	As Certified
LARROWE MILLING CO., Detroit, Mich.							
Larro Growing Grains (973)	11.00	10.00	4.18	2.00	2.16	4.00	As Certified
Larro Scratch Grains (754)	11.75	10.00	2.12	2.00	2.37	4.00	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y.							
B-B Chick Feed (749)	11.00	10.00	1.53	2.00	1.33	4.00	As Certified
B-B Developing Feed (751)	10.63	10.00	3.30	2.00	2.58	5.00	As Certified
B-B Developing Feed (1173)	11.25	10.00	4.22	2.00	4.64	5.00	As Certified
Daisy Scratch Feed (319)	10.81	9.00	2.68	2.50	2.93	5.00	As Certified
Daisy Scratch Feed (750)	11.75	9.00	2.80	2.50	3.60	5.00	As Certified
S. E. MENGLE'S SONS, Pottsville, Pa.							
Samsons Quality Scratch Grains (315)	10.50	10.00	2.73	2.50	2.87	4.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa.							
Sunside Scratch Grains (257)	10.06	10.00	2.46	2.00	2.40	7.00	As Certified
OMWAKE & OLIVER, Greencastle, Pa.							
Antrim Scratch Feed (100)	10.81	10.00	2.50	2.50	2.76	4.00	As Certified
THE PHILADELPHIA SEED CO., INC. Philadelphia, Pa.							
Purgrain Breeding Feed (931)	15.69	13.50	3.99	2.50	3.49	5.00	As Certified
Purgrain Conditioning Feed (996)	16.31	14.00	4.07	3.00	4.61	5.00	As Certified
Purgrain Economy Special Pigeon Feed (930)	12.38	10.00	2.96	2.00	3.09	4.00	As Certified
Purgrain Pigeon Feed No. 1 (932)	15.00	11.20	2.52	2.00	3.07	4.00	As Certified
PRATT FOOD CO., INC., Hammond, Ind.							
Pratts Chick Scratch Feed (721)	11.63	10.00	2.19	2.00	1.72	4.00	As Certified
Pratts Intermediate Scratch Feed (720)	11.69	10.00	2.26	2.00	2.19	4.00	As Certified
Pratts Pigeon Feed No Corn (1008)	14.81	12.00	2.48	2.00	3.48	4.00	As Certified
Utility Scratch Feed (748)	11.25	10.00	3.49	2.00	2.60	4.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Early Bird Scratch Grains (989)	10.94	9.50	3.47	2.00	3.20	3.50	As Certified
Ful-O-Pep Scratch Grains (990)	10.44	9.00	4.00	2.00	2.81	3.00	As Certified
BENJAMIN ROSENBERG, Philadelphia, Pa.							
Pride of Philadelphia Squab Feed (714)	14.00	13.50	4.61	3.75	3.55	4.75	As Certified
SCRANTON FLOUR & GRAIN COMPANY Scranton, Pa.							
Mixed Chicken Feed (10B1)	9.50	8.56	2.41	3.10	3.39	4.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Red Letter Brand Chick Feed (591)	10.75	10.00	3.83	2.50	1.64	5.00	As Certified
Red Letter Pigeon Feed (204)	15.69	12.00	3.54	2.50	3.45	5.00	As Certified
SWOPE COMPANY, Johnstown, Pa.							
Cambria Chicken Feed (538)	10.50	10.00	2.38	2.00	3.12	5.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y.							
Derby Scratch Feed (881)	12.06	9.00	3.06	2.50	3.87	4.50	As Certified
Ti-O-Ga Growing Grains (684)	12.06	10.00	3.09	2.50	2.57	4.00	As Certified
VITALITY MILLS, INC., Chicago, Ill.							
Advence Poultry Scratch (500)	10.25	10.00	2.68	2.00	2.30	6.00	Found in addition oats.
Vitality 60/40 Fine Chick Scratch (501)	11.19	10.00	1.65	2.00	1.62	4.00	As Certified
WALTON BROTHERS, Philadelphia, Pa.							
Peerlese Scratch Grains (1002)	11.00	9.00	2.71	2.50	3.40	5.00	As Certified
Average	11.48	-----	2.99	----	2.68	----	
Mash Feed							
ALLIED MILLS, INC., Chicago, Ill.							
Amco Growing Mash with Fortified Sardine Oil (564)	17.94	17.00	4.86	3.50	6.16	7.00	As Certified
Amco Super Starting & Growing Mash with Fortified Sardine Oil (636)	19.56	18.00	4.57	3.50	5.36	7.00	As Certified
Amco Tip Top Mash (555)	18.00	18.00	4.14	3.50	7.05	8.00	As Certified
Ideal Egg Mash with Fortified Sardine Oil (554)	20.56	18.00	4.85	3.50	5.52	10.00	As Certified
Wayne Chick Mash Concentrate (593)	32.38	28.00	4.42	3.50	8.09	8.00	As Certified
Wayne Chick Starter (380)	19.69	18.00	4.84	4.00	5.85	7.00	As Certified
Wayne Chick Starter (693)	20.44	18.00	5.01	4.00	6.46	7.00	As Certified
Wayne Egg & Breeder Mash (691)	21.06	20.00	4.76	3.50	6.15	8.00	As Certified
Wayne Flushing Mash (594)	22.06	20.00	3.92	3.00	5.38	6.00	As Certified
Wayne Growing Mash with Fortified Sardine Oil (381)	17.06	16.00	4.79	3.50	6.80	7.00	As Certified
Wayne Growing Mash with Fortified Sardine Oil (696)	17.31	16.00	3.60	3.50	7.64	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Wayne Laying Mash with Fortified Sardine Oil (692)	18.56	18.00	4.70	3.50	6.81	8.00	As Certified
Wayne Laying Mesh with Fortified Sardine Oil (1154)	19.06	18.00	5.02	3.50	7.10	8.00	As Certified
Wayne 26% Mash Supplement with Fortified Sardine Oil (694)	27.88	26.00	5.16	3.50	8.57	10.00	As Certified
Wayne Poultry Developer with Fortified Sardine Oil (807)	16.88	16.00	4.70	3.50	6.69	7.00	As Certified
Wayne Starter & Grower with Fortified Sardine Oil (695)	18.31	17.00	4.72	3.50	6.72	7.00	As Certified
Weyne Turkey Starting Maeh (383)	27.38	25.00	5.23	4.00	6.08	8.00	As Certified
Weyne Turkey Starting Mash (806)	27.00	25.00	5.63	4.00	6.14	8.00	As Certified
R. S. ALTMAN, Irwin, Pa.							
All Mash Buttermilk Sterting & Broiler (275)	19.81	17.00	4.42	4.00	5.21	8.00	As Certified
All Mash Buttermilk Starting & Broiler (601)	19.13	17.00	4.03	4.00	6.43	8.00	As Certified
All Mash Buttermilk Starting & Broiler (793)	19.25	17.00	4.15	4.00	6.00	8.00	As Certified
Fettening Mash (799)	20.56	15.00	4.10	4.00	5.53	6.00	As Certified
Quality Egg Mash (193)	20.75	20.00	4.24	4.00	6.27	9.00	As Certified
Quality Egg Mash (272)	20.94	20.00	4.30	4.00	6.18	9.00	As Certified
Quality Egg Mash (326)	21.06	20.00	4.46	4.00	6.68	9.00	As Certified
Quality Egg Mash (339)	20.94	20.00	4.10	4.00	6.31	9.00	As Certified
Quality Egg Mash (789)	21.75	20.00	4.42	4.00	6.36	9.00	As Certified
Starter (Buttermilk Starting) (178)	19.19	17.00	4.19	4.00	5.84	8.00	Ae Certified
Starter (Buttermilk Starting) (327)	19.50	17.00	4.28	4.00	5.70	8.00	As Certified
Super A Buttermilk Growing Mesh (190)	20.00	17.00	4.15	4.00	5.60	9.00	As Certified
Super A Buttermilk Growing Mesh (273)	17.63	17.00	4.40	4.00	5.67	9.00	As Certified
Super A Buttermilk Growing Mash (328)	18.50	17.00	4.53	4.00	7.27	9.00	As Certified
Super A Buttermilk Growing Mesh (335)	17.88	17.00	4.29	4.00	5.88	9.00	As Certified
Super A Buttermilk Growing Mash (605)	18.38	17.00	4.16	4.00	6.35	9.00	As Certified
Super A Buttermilk Growing Mesh (791)	20.50	17.00	4.36	4.00	7.17	9.00	As Certified
Super A Buttermilk Growing Mash (1104)	17.94	17.00	4.31	4.00	7.13	9.00	As Certified
Super A Egg Mash (176)	28.31	24.00	4.29	4.50	5.65	8.00	As Certified
Super A Egg Mash (274)	25.38	24.00	5.02	4.50	5.61	8.00	As Cartified
Super A Egg Mash (329)	27.44	24.00	4.47	4.50	6.20	8.00	As Certified
Super A Egg Mesh (804)	26.88	24.00	4.69	4.50	5.70	8.00	As Certified
Super A Egg Mash (1286)	25.00	24.00	4.53	4.50	5.59	8.00	As Certified
Super A 20% Production Mash (175)	22.75	20.00	4.75	4.00	5.89	9.00	As Certified
Super A 20% Production Mash (271)	22.81	20.00	4.49	4.00	5.75	9.00	As Certified
Super A 20% Production Mash (602)	21.31	20.00	4.61	4.00	6.02	9.00	As Certified
Super A 20% Production Mash (1285)	20.69	20.00	4.80	4.00	6.18	9.00	As Certified
Super A Yeast Egg Mash (177)	27.69	24.00	4.46	4.50	5.40	8.00	As Certified
Super A Yeest Egg Mash (276)	26.06	24.00	4.64	4.50	5.65	8.00	As Certified
Super A Yeast Starter & Broiler Ration (191)	22.31	19.00	4.28	4.00	5.71	8.00	As Certified
Super A Yeest Starter & Broiler Ration (277)	22.06	19.00	4.50	4.00	5.06	8.00	As Certified
Super A Ysast Starter & Broiler Ration (324)	21.13	19.00	4.32	4.00	5.78	8.00	As Certified
Super A Yeast Sterter & Broiler Ration (341)	21.31	19.00	4.38	4.00	5.83	8.00	As Certified
Super A Ysast Starter & Broiler Ration (792)	22.00	19.00	4.78	4.00	6.19	8.00	As Certified
Yeest Growing Mash (183)	19.50	17.00	4.07	4.00	6.15	9.00	As Certified
Yeest Growing Mash (279)	18.13	17.00	4.28	4.00	5.95	9.00	As Certified
Yeast Growing Mash (790)	20.56	17.00	4.31	4.00	7.08	9.00	As Certified
Ysest Turkey Developer (805)	24.81	21.00	5.04	4.00	6.21	9.00	As Certified
Yeest Turkey Dsveloper (1103)	21.56	21.00	4.62	4.00	7.38	9.00	As Certified
Yeest Turkey Starter (338)	26.13	25.00	4.42	4.00	6.49	9.00	As Certified
AMERICAN STORES CO., Philadelphia, Pe.							
Farmdale Broiler Mash (912)	18.94	17.00	5.07	4.00	5.76	6.00	As Certified
Farmdale Growing Mash (914)	20.13	17.00	4.65	4.00	8.28	6.50	As Certified
Farmdale Growing Mash (1149)	18.69	17.00	5.21	4.00	8.94	6.50	As Certified
Farmdale Laying Mash with Cod Livsr Oil (1148)	19.69	20.00	5.22	5.00	7.73	7.00	As Certified
Farmdale Laying Mash with Cod Liver Oil (915)	22.19	20.00	4.40	5.00	7.28	7.00	As Certified
Farmdale Starting & Growing Mash (909)	18.56	16.00	4.98	4.00	6.13	5.00	Ae Certified
ARCADY FARMS MILLING COMPANY Chicago, Ill.							
Wonderfat Station Feed with Rolled Oats (940)	14.75	15.00	6.52	5.00	5.75	7.00	As Certified
ARENDTSVILLE ROLLER MILLS Arendtsville, Pa.							
South Mountein 18% Leying Mesh (957)	16.50	18.00	4.35	4.00	7.62	8.00	As Certified
BANNER FLOUR MILLS, Fairchance, Pa.							
Banner 20% Egg Meeh (1290)	21.00	20.00	4.84	4.00	6.62	7.60	As Certified
Banner Turkey Growsr (1289)	20.38	20.00	4.67	4.00	6.64	6.00	As Certified
BARE MILLING COMPANY Roaring Spring, Pa.							
Sterling Laying Mesh (390)	18.56	18.00	4.24	4.00	6.97	9.00	Ae Certified
Sterling Starter & Grower (394)	18.88	16.00	4.72	4.00	6.68	7.00	Found in addition charcoal.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
R. A. BATES & SON, Knoxville, Pa.							
Oak Leaf Chick Grower (839)	20.06	18.00	5.16	4.00	5.77	8.00	As Certified
Oak Leaf Chick Starter & Grower (838)	21.25	18.00	4.84	4.00	5.26	8.00	As Certified
Oak Leaf Egg Mash (Green Tag) (846)	20.38	18.00	4.97	4.00	5.71	8.00	As Certified
Oak Leaf Egg Mash (Orange Tag) (847)	19.94	18.00	4.73	4.00	5.70	8.00	As Certified
Oak Leaf Turkey Starter & Grower (844)	23.75	24.00	4.98	4.00	5.36	8.00	As Certified
THE BEACON MILLING CO., INC. Cayuga, N. Y.							
Beacon Complete Starting Ration (708)	20.13	17.50	5.06	4.00	5.33	6.00	As Certified
Beacon "22" Egg Mash (709)	24.44	22.00	5.66	4.50	5.96	7.50	As Certified
BEDFORD MILLING CO., Bedford, Pa.							
Bedford Coccidiosis Mix (25)	18.31	17.00	6.71	5.00	7.49	8.00	As Certified
Bedford Egg & Breeder (14)	21.25	21.00	4.34	5.00	5.87	7.00	As Certified
Farm King Layer (13)	19.44	20.00	4.48	4.00	6.36	7.00	As Certified
Lucky Bird Layer (26)	21.13	18.00	4.18	3.00	6.86	8.00	As Certified
THE BIG FOUR MILLS, LTD. Covington, Kentucky							
O.K. Egg Mash (1245)	23.06	20.00	5.14	3.50	6.23	8.00	As Certified
O.K. Egg Mash (1281)	20.06	20.00	4.26	3.50	5.93	8.00	As Certified
O.K. Growing Mash (1249)	22.75	18.00	4.81	3.50	4.76	7.00	As Certified
BLANK & GOTTSHALL CO., INC. Sunbury, Pa.							
B. & G. All-Mash Starter & Grower (226)	19.56	17.00	5.56	4.00	5.68	7.00	As Certified
B. & G. Banner 20% Laying Mash (227)	20.69	20.00	4.87	3.00	10.06	12.00	As Certified
B. & G. 20% Breeder Mash (223)	22.75	20.00	5.50	4.00	6.71	7.00	As Certified
B. & G. Coccidiosis Control Mash (225)	22.00	20.00	3.88	3.00	5.78	6.00	As Certified
B. & G. 20% Lay-Mor Mash (228)	21.88	20.00	4.95	4.00	6.46	7.00	As Certified
B. & G. Mash-Nic Worm Control Mash (224)	21.81	20.00	5.38	3.50	7.42	7.00	As Certified
BRIAR CREEK MILLS, Briar Creek, Pa.							
Chick Builder (626)	19.06	18.00	5.00	4.00	5.64	7.00	As Certified
Egg Mash (625)	18.13	18.00	4.59	4.00	9.51	8.00	As Certified
Growing Mash (624)	18.63	17.00	4.64	4.00	6.22	7.00	As Certified
BROSIUS MILLS, Rebuck, Pa.							
Brosius Chick Starter Mash (615)	19.00	18.00	4.20	5.00	6.05	6.00	As Certified
Brosius Laying Mash (614)	20.75	19.00	5.11	4.00	5.91	7.25	As Certified
BROWN & FASSETT, Tunkhannock, Pa.							
B. & F. Chick Starting Mash (666)	15.44	14.50	4.88	4.00	5.10	6.00	As Certified
B. & F. Favorite Dry Mash (664)	20.56	18.00	4.86	5.00	8.73	9.00	As Certified
B. & F. Growing Mash (665)	17.75	17.50	5.24	4.50	5.24	6.50	As Certified
B. & F. Turkey Starting Mash (668)	24.69	24.00	5.93	4.00	6.88	6.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa.							
Our Quality Growing Mash (606)	19.25	15.00	4.14	3.00	6.56	8.00	As Certified
Our Quality Laying Mash (608)	24.75	20.00	4.61	4.00	6.02	7.00	As Certified
Our Quality Starting Mash (607)	22.50	18.00	4.86	4.00	6.09	7.00	As Certified
BROWN MILLING CO., Loysburg, Pa.							
White Rose Egg Mash (73)	18.94	17.00	3.92	4.50	6.94	7.50	As Certified
BUCKEYE CEREAL CO., Massillon, Ohio							
Buckeye Laying & Breeders Mash (530)	23.19	20.00	4.67	3.00	5.64	8.00	As Certified
Buckeye Starting & Growing Mash (528)	20.06	18.00	4.43	3.50	5.81	7.50	As Certified
Gold Standard Laying Mash (364)	22.63	20.00	4.23	2.50	6.62	8.50	As Certified
Prosperity Laying Mash (532)	19.19	20.00	4.74	2.50	6.09	8.00	As Certified
D. M. CAMPSEY, Claysville, Pa.							
Campsey's Chick Starting & Growing Mash (1122)	18.94	17.00	4.11	4.00	6.49	6.00	As Certified
Campsey's Super-Laying Mash (1123)	21.50	20.00	4.06	4.50	7.23	8.00	As Certified
Campsey's Turkey Grower (1121)	21.00	18.00	4.11	4.00	7.20	8.00	As Certified
CANONSBURG MILLING COMPANY Canonsburg, Pa.							
C.M.C. Egg Mash (1111)	19.06	19.00	4.94	3.00	7.10	8.00	As Certified
C.M.C. Growing Mash (1110)	20.44	20.00	4.27	4.00	5.29	5.00	As Certified
THE G. E. CONKEY COMPANY Cleveland, Ohio							
Conkey's Red Seal Growing Mash (1088)	20.94	18.00	5.20	3.50	6.19	8.00	As Certified
Conkey's Red Seal Laying Mash (1087)	21.81	20.00	4.81	3.50	7.37	8.00	As Certified
Conkey's Y-O (Brand) Egg Mash (1090)	21.63	20.00	4.54	4.00	6.46	8.00	As Certified
Conkey's Y-O (Brand) Growing Mash (377)	20.00	18.00	5.18	4.00	5.31	7.00	As Certified
Conkey's Y-O (Brand) Growing Mash (1089)	21.94	18.00	5.43	4.00	6.91	7.00	As Certified
COOPERATIVE FEED DEALERS, INC. Binghamton, N. Y.							
C.F.D. Chick Starting Mash (491)	20.88	18.00	4.49	4.00	6.00	6.00	As Certified
C.F.D. Complete Broiler Mash (477)	18.84	17.00	5.02	4.50	5.71	6.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
Flushing Mash (1073)	19.00	17.50	3.36	3.00	3.78	5.00	As Certified

200-4-60

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Growing Mash (44)	20.38	17.50	4.14	4.00	5.73	7.50	As Certified
Growing Mash (61)	20.06	17.50	4.71	4.00	6.54	7.50	As Certified
Growing Mash (652)	20.56	17.50	4.74	4.00	7.20	7.50	As Certified
Growing Mash (1211)	19.19	17.50	4.54	4.00	6.83	7.50	As Certified
Laying Mash (650)	22.44	20.00	4.94	4.00	6.45	7.00	As Certified
Laying Mash (1067)	21.75	20.00	4.64	4.00	6.46	7.00	As Certified
Laying Mash (1209)	20.81	20.00	4.84	4.00	6.58	7.00	As Certified
Old Formula Starting & Growing Mash (653)	21.00	17.50	4.83	4.00	6.07	6.50	As Certified
Special Laying Mash (62)	22.31	20.00	4.50	3.50	6.29	7.00	As Certified
Special Starting & Growing Mash (654)	19.94	17.50	4.38	4.00	6.05	7.00	Ae Certified
Starting & Growing Mash (1068)	19.81	17.50	4.63	4.00	6.36	6.50	As Certified
Starting & Growing Mash (1210)	19.06	17.50	4.38	4.00	6.21	6.50	As Certified
Super Laying Mash (649)	22.81	19.50	4.55	4.00	5.59	7.00	As Certified
Super Laying Mash (1065)	22.31	19.50	4.73	4.00	5.70	7.00	As Certified
Super Laying & Breeding Mash (60)	21.00	19.50	4.26	4.00	5.78	7.00	As Certified
Super Laying & Breeding Mash (492)	20.56	19.50	4.67	4.00	6.23	7.00	As Certified
Super Laying & Breeding Mash (648)	22.69	19.50	4.54	4.00	6.98	7.00	As Certified
Super Laying & Breeding Mash (1066)	21.56	19.50	4.63	4.00	6.42	7.00	As Certified
Super Laying & Breeding Mash (1214)	20.06	19.50	4.37	4.00	6.14	7.00	As Certified
Turkey Growing Mash (1069)	22.63	20.00	4.32	4.00	5.87	7.00	As Certified
CRAWFORD BROTHERS, INC., Walton, N. Y.							
Economy Laying Mash (1302)	21.06	20.00	5.21	4.00	6.67	7.00	As Certified
20% Producer (1301)	23.38	20.00	4.42	4.00	7.13	9.00	As Certified
CUSTER'S FLOUR MILL, Milton, Pa.							
Custer's Egg Mash (1201)	17.44	18.00	4.69	4.00	5.92	8.00	As Certified
Custer's Growing Mash (1202)	17.19	14.00	4.70	3.50	4.96	5.00	As Certified
DANVILLE MILLING CO., Danville, Pa.							
Danville Laying Mash (560)	17.44	17.00	4.70	5.00	5.53	7.00	As Certified
DARLINGTON MILLING COMPANY Darlington, Pa.							
Darmico Egg (579)	19.00	19.00	4.73	5.50	5.28	6.50	As Certified
Darmico Grower (581)	16.06	16.00	4.63	5.00	6.28	8.50	As Certified
Darmico Starter (582)	18.75	17.00	4.82	4.50	6.28	8.00	As Certified
DAYTON MILLING CO., Towanda, Pa.							
Dayton's Economy Mash (485)	20.13	20.00	4.67	4.50	5.70	8.00	As Certified
Dayton's Ideal Laying Mash (484)	20.00	18.00	4.71	3.00	5.15	8.00	As Certified
DEAN & LEE, Horseheads, N. Y.							
Ideal Growing Mash (852)	17.69	15.00	4.28	4.00	6.65	7.00	As Certified
Pioneer Poultry Mash (853)	22.94	20.00	5.44	4.00	6.79	7.00	As Certified
Pioneer Starting & Growing Mash (855)	19.88	17.00	4.22	4.00	5.60	7.00	As Certified
DIETRICH & GAMBRILL, INC. Frederick, Md.							
D. & G. Breeder Mash (143)	21.81	19.00	5.59	5.00	6.94	9.00	As Certified
D. & G. Poultry Mash Mixing Supplement (3)	40.81	37.00	4.88	4.00	5.71	7.00	As Certified
Frederick Laying Mash (33)	21.13	18.00	4.68	4.00	6.26	8.00	As Certified
Gambrill's Chick Starter (138)	20.19	18.00	5.02	4.00	4.78	6.00	As Certified
Gambrill's Laying Mash (34)	23.06	20.00	4.95	4.00	6.65	7.00	As Certified
Gambrill's Laying Mash (622)	23.00	20.00	5.91	4.00	6.78	7.00	As Certified
Gambrill's Laying Mash (1199)	21.50	20.00	5.74	4.00	7.11	7.00	As Certified
L. A. DOWLING, INC., Doylestown, Pa.							
Dowling Supreme Chick Starter Mash (860)	19.00	18.00	4.42	4.00	7.01	7.00	As Certified
Dowling Supreme Crate Fattner (939)	14.38	15.00	4.56	3.50	7.70	7.50	As Certified
Dowling Supreme Growing Mash (861)	19.69	18.00	4.39	4.00	7.74	7.00	As Certified
Dowling Supreme Laying Mash (862)	20.13	20.00	4.75	4.00	7.06	7.00	As Certified
EZL. DUNWOODY CO., Philadelphia, Pa.							
Super X Growing & Developing Mash (723)	19.81	18.00	6.17	5.00	5.04	8.00	As Certified
Super X Laying Mash (722)	19.31	18.00	4.83	4.00	7.87	10.00	As Certified
Super X Starting Mash (for Chicks) (724)	19.50	19.00	4.96	3.50	5.43	5.00	Ae Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass.							
Breeder Mash - Pellets (518)	21.06	20.00	4.83	4.00	6.45	6.00	As Certified
Developer (64)	19.63	18.50	4.15	3.75	6.26	6.50	As Certified
Developer (515)	21.19	18.50	4.62	3.75	6.39	6.50	As Certified
Egg Mash (520)	22.63	20.00	5.16	4.00	6.18	6.50	As Certified
Hen Supplement (512)	34.38	30.00	7.32	5.00	6.57	7.00	As Certified
Starting & Broiler (63)	20.81	18.50	4.54	4.00	4.86	5.00	As Certified
Starting & Broiler (511)	20.50	18.50	4.63	4.00	4.89	5.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Pennsy Laying Mash with Cod Liver Oil (947)	20.19	18.00	5.22	4.50	7.57	8.00	Ae Certified
Red Rose All Mash Starter with Cod Liver Oil (945)	19.56	16.00	4.68	4.00	5.05	6.50	As Certified
Red Rose All Mash Starter & Grower with Cod Liver Oil (348)	20.00	16.00	4.34	4.00	6.39	7.00	As Certified
Red Rose Flushing Mash (949)	15.94	16.50	3.00	2.50	5.55	6.50	As Certified
Red Rose Growing Mash with Cod Liver Oil (924)	19.88	16.00	4.98	4.00	7.37	7.50	As Certified
Red Rose Laying Mash (710)	22.69	20.00	5.21	5.00	6.85	7.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Red Rose Laying Mash with Cod Liver Oil (918)	23.75	20.00	5.16	5.00	7.31	7.50	As Certified
Red Rose Laying Mash with Cod Liver Oil (1131)	21.81	20.00	5.87	5.00	6.11	7.50	As Certified
Red Rose 36% Supplement Mash (376)	39.69	36.00	5.05	4.00	7.60	7.50	As Certified
Red Rose 36% Supplement Mash (900)	38.13	36.00	5.86	4.00	7.86	7.50	As Certified
Red Rose Turkey Grower with Cod Liver Oil (946)	20.81	18.00	4.30	4.25	9.14	8.00	As Certified
J. I. ESHLEMAN & SONS Greencastle, Pa.							
E.L.M. Eggmash 18% (427)	20.25	18.00	4.83	4.00	7.87	7.00	As Certified
E.L.M. Special Eggmash 20% (426)	22.44	20.00	4.97	4.00	8.43	7.00	As Certified
E.L.M. Starter & Grower 18% (436)	19.44	18.00	4.61	4.00	8.07	8.00	As Certified
E.L.M. Turkey Starter 24% (430)	24.38	24.00	5.28	4.00	6.72	6.00	As Certified
FARM BUREAU MILLING COMPANY Manheim, Pa.							
Economy Laying Mash (1018)	22.00	20.00	4.60	4.00	5.74	7.00	As Certified
Egg Maker (1033)	22.19	19.50	4.68	4.00	5.48	7.00	As Certified
Growing Mash (1025)	20.25	17.50	4.33	4.00	6.48	7.50	As Certified
Laying Mash (1022)	21.63	20.00	4.27	4.00	5.93	7.00	As Certified
Mermash 16% (1017)	18.81	16.00	4.44	3.50	5.53	7.00	As Certified
Mermash 16% (1037)	19.06	16.00	4.82	3.50	6.31	7.00	As Certified
Starting & Growing Mash (1021)	20.50	17.50	4.03	4.00	4.27	6.50	As Certified
Turkey Growing Mash (1029)	22.00	20.00	3.60	4.00	6.31	7.00	As Certified
FLORY MILLING CO., INC., Bangor, Pa.							
Flory's Chick Starter (1091)	19.38	17.00	5.07	4.50	6.29	6.00	As Certified
Flory's Growing Mash (1094)	21.81	17.00	5.17	4.00	6.50	7.00	As Certified
Flory's Special Laying Mash with Buttermilk (1092)	20.06	19.50	4.95	4.00	7.00	7.00	As Certified
Flory's Special 20% Protein Laying Mash (1093)	19.88	20.00	4.74	4.00	7.66	8.50	As Certified
Sunray Laying Mash (735)	20.81	20.00	4.58	4.00	7.65	9.00	As Certified
FRANKLIN MILLING COMPANY Middleburg, Pa.							
Franklin Laying Mash (553)	18.25	19.00	5.06	5.00	6.04	8.00	As Certified
D. D. FRITCH MILLING COMPANY Macungie, Pa.							
XXXX Better Growing Mash (872)	18.94	16.50	4.39	4.00	6.10	6.00	As Certified
XXXX Better Laying Mash (871)	21.75	20.00	4.63	4.00	5.78	7.00	Found in addition potassium iodide.
P. S. FURRY, Loysburg, Pa.							
Furry's Best Egg Mash (83)	20.81	20.00	4.36	4.50	6.21	7.00	As Certified
Furry's Economy Egg Mash (85)	20.19	19.00	4.37	4.00	6.99	7.00	As Certified
Furry's Starting Mash (86)	19.81	18.00	4.12	4.50	5.75	6.00	As Certified
H. L. GARRISON & BROTHER Berwick, Pa.							
Extra Quality Chick Starter & Growing Mash (632)	18.94	18.00	5.21	5.00	7.10	7.00	As Certified
Extra Quality Laying Mash (630)	21.06	18.00	5.44	5.00	7.08	10.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y.							
Daily Egg Laying Mash Feed (565)	22.44	20.00	4.56	3.75	5.96	7.00	As Certified
Daily Egg Laying Mash Feed (962)	24.13	20.00	4.40	3.75	6.88	7.00	As Certified
Daily Egg Laying Mash Feed (1147)	22.63	20.00	4.62	3.75	7.45	7.00	As Certified
Daily Egg Laying Mash Feed (1299)	20.00	20.00	4.26	3.75	5.53	7.00	As Certified
Daily Growth Chick Starter (964)	17.94	17.00	4.61	4.50	4.89	4.50	As Certified
Daily Growth Growing Mash (963)	20.25	17.50	4.29	3.50	4.04	6.50	As Certified
HALES & HUNTER CO., Chicago, Ill.							
Cackle Egg Mash (1010)	20.13	20.00	4.01	4.00	6.03	8.00	As Certified
Red Comb Chick Starter (929)	20.44	18.00	4.62	4.00	5.88	6.00	As Certified
Red Comb Egg Mash (928)	18.63	18.00	4.45	4.00	5.81	7.00	As Certified
Red Comb Growing Mash (927)	18.94	16.00	4.84	4.00	6.64	7.00	As Certified
HANEY-FRAZIER MILLING COMPANY Danville, Pa.							
Henola Laying Mash (558)	19.25	18.00	4.94	3.00	7.20	8.00	As Certified
HARPER GRAIN CO., Pittsburgh, Pa.							
Chicken Dinner Laying Mash (1128)	20.06	18.00	5.30	4.00	6.51	8.00	As Certified
Chicken Dinner Starting & Growing Mash (197)	20.44	18.00	4.18	3.50	7.05	7.00	As Certified
Exchange Egg Mash (199)	20.50	18.00	4.40	4.00	6.60	9.00	As Certified
Exchange Egg Mash with Yeast (198)	20.13	18.00	4.53	4.00	7.29	9.00	As Certified
Harco Growing Mash (1129)	19.44	18.00	5.05	3.50	7.40	8.00	As Certified
Harco Laying Mash (196)	21.75	20.00	5.34	4.00	6.24	8.00	As Certified
Harco Laying Mash (350)	21.25	20.00	4.91	4.00	6.10	8.00	As Certified
Harco 36% Super Mash Concentrate (202)	40.13	36.00	6.37	4.00	4.58	5.00	As Certified
F. D. HARTZELL'S SONS COMPANY Chalfont, Pa.							
Perfection Chick Starter (1167)	17.50	17.00	4.10	4.50	5.95	6.00	Ae Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Perfection Egg Mash (1165)	19.75	20.00	4.75	4.00	6.51	7.00	As Certified
Perfection Growing Mash (1166)	18.56	17.00	4.59	5.00	6.58	7.00	As Certified
WILLIAM HAYS, Mononhagela, Pa.							
Moreeggs Laying Mash (355)	19.94	20.00	3.95	4.00	7.49	7.00	As Certifisd
I. B. HEIMBACH & SON East Greenville, Pa.							
Lay Better Egg Mash (704)	20.31	18.00	5.24	4.00	6.19	7.00	As Certified
Square Deal Chick Starter & Grower (705)	17.56	16.00	5.53	4.00	5.59	6.00	As Certified
EUGENE HELWIG & BROTHER Catawiesa, Pa.							
Helwig's Blue Ribbon Chick Starter (287)	19.25	17.00	4.30	4.00	6.26	6.00	As Certified
Hslwig's Blue Ribbon Chick Starter (1218)	18.94	17.00	4.33	4.00	7.42	6.00	As Certified
Helwig's Blue Ribbon Egg Mash (288)	18.38	18.00	4.30	4.00	5.67	6.00	As Certified
Helwig's Blue Ribbon Egg Mash (1217)	18.38	18.00	4.13	4.00	7.38	6.00	As Certified
Helwig's Blue Ribbon Growing Mash (289)	18.00	16.00	4.30	4.00	6.77	6.00	As Certified
Helwig's Blue Ribbon Growing Mash (1216)	16.94	16.00	4.30	4.00	7.54	6.00	As Certified
THE HERRMAN-McLEAN COMPANY Cleveland, Ohio							
Ohio Egg Mash with Dried Tomatoee (344)	20.81	20.00	4.18	4.00	7.60	8.00	Ae Certified
Ohio Starting Maeh (342)	17.50	15.00	4.38	4.00	5.58	5.00	As Certified
Sunshine Egg Maah with Dried Tomatoee (343)	19.88	18.00	3.72	4.00	7.84	9.00	As Certified
Sunshine Egg Mash with Dried Tomatoes (1115)	21.56	18.00	3.96	4.00	8.39	9.00	As Certified
J. F. HOGSETT & SONS, Uniontown, Pa.							
Hogsett Growing Mash (370)	18.00	16.00	4.30	4.50	6.48	7.00	As Certified
Hogsstt Growing Mash (1108)	17.69	16.00	4.03	4.50	7.01	7.00	As Certified
Rogsett Laying Mash (369)	21.63	20.00	4.31	4.00	7.67	7.00	As Certified
HONESDALE FLOUR & FEEO COMPANY Honesdals, Pa.							
Tru-Mix Laying Mash (1196)	20.13	18.00	5.54	5.00	5.81	6.50	As Certified
Tru-Mix Starting & Growing Mash (1192)	18.19	18.00	5.13	4.50	5.29	5.50	As Certified
HUNTSINGER'S MILL, Hegins, Pa.							
Quality Chick Starter (229)	19.88	17.50	4.50	4.00	5.65	6.00	As Certified
Quality Chick Starter (1265)	19.50	17.50	4.67	4.00	3.21	6.00	As Certifisd
18% Quality Egg Mash (232)	19.56	18.00	4.68	4.50	6.90	7.00	As Certified
20% Quality Egg Mash (231)	22.44	20.00	4.94	4.00	6.94	6.50	As Csrtifisd
Quality Egg Maeh (1268)	21.31	20.00	4.50	4.00	6.64	6.50	Ae Certified
Quality Growing Mash (233)	20.31	18.00	4.64	4.00	6.60	7.00	As Certified
Quality Growing Mash (1269)	20.69	18.00	4.62	4.00	6.31	7.00	As Certified
Quality Laying Mash (1270)	22.19	20.00	4.62	4.50	6.37	7.50	As Certified
Turkey Developer (1267)	20.56	20.00	3.48	4.00	6.07	6.50	As Certified
F. W. HUTCHISON & COMPANY New Castle, Pa.							
Outeide Growing Mash (612)	15.50	16.00	4.58	4.00	7.50	8.00	As Certified
R. R. IKELER ESTATE, Bloomsburg, Pa.							
Blue Ribbon All Mash Starter & Grower (323)	16.00	16.00	4.54	4.25	6.04	6.00	Found in addition charcoal.
Blue Ribbon 18% Laying Mash (322)	16.56	18.00	4.77	4.00	5.89	7.50	Found in addition charcoal.
Blue Ribbon 18% Laying Mash (1215)	17.25	18.00	4.63	4.00	7.23	7.50	Found in addition charcoal.
KASCO MILLS, INC., Waverly, N. Y.							
Apex Complete Grower (1079)	21.50	14.00	4.55	4.00	6.15	8.50	As Certified
Apex Growing Mash (1077)	18.94	17.00	4.47	4.00	6.98	8.50	As Certified
Apex Growing Mash (1284)	17.69	17.00	4.20	4.00	7.41	8.50	As Certified
Apex Starter (677)	18.88	16.00	4.22	4.00	5.35	7.00	As Certified
Kasco All Mash Chick Starter (541)	19.44	17.00	4.21	4.00	5.62	6.00	As Certified
Kasco All Mash Grower (1080)	15.38	14.00	4.74	4.00	5.59	7.00	As Certified
Kasco Egg Producer (673)	20.81	20.00	4.12	4.00	6.89	7.50	As Csrtified
Kaeco Egg Producer (675)	22.88	20.00	4.75	4.00	6.58	7.50	As Certified
Kasco Egg Producer (676)	21.75	20.00	4.14	4.00	6.56	7.50	As Certified
Kasco Egg Producer (956)	22.00	20.00	4.38	4.00	7.03	7.50	As Certified
Kasco Egg Producer (1076)	22.31	20.00	4.59	4.00	6.52	7.50	As Certified
Kasco 32% Mash Concentrate (1282)	32.19	32.00	4.58	4.00	6.93	7.00	As Certified
Kasco Turkey Grower (1078)	20.94	20.00	4.57	4.00	7.52	8.00	As Certified
F. B. KERN, Catawissa, Pa.							
Kernie's All Mash Laying Mash (1271)	16.25	15.00	4.46	3.50	5.70	8.00	As Certified
Kernie's 18% Laying Mash (1275)	19.13	18.00	5.06	4.00	6.03	8.00	As Certified
KEYSTONE FEED & FARM PRODUCTS CORP. Connellsville, Pa.							
Keystone Laying Mash with Buttermilk (374)	20.63	17.00	4.97	3.00	5.48	11.00	As Certified
Keystone Laying Mash with Buttermilk (1106)	21.06	17.00	4.95	3.00	5.85	11.00	As Certified
Keystone Starting Mash with Buttermilk (375)	20.56	17.00	5.07	3.00	5.35	9.00	As Certified
KLINGERSTOWN MANUFACTURING COMPANY Klingerstown, Pa.							
Home Chick Starter (301)	21.88	16.00	5.85	4.00	6.09	6.00	As Certified
Home Chick Starter (1254)	23.69	16.00	5.72	4.00	6.48	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Home Growing Mash (300)	21.69	18.00	5.73	4.00	5.81	7.00	As Certified
Home Growing Mash (1255)	21.31	18.00	5.71	4.00	6.81	7.00	As Certified
Home Laying Mash (299)	20.06	18.00	5.55	4.00	5.68	8.00	As Certified
Home Laying Mash (1253)	20.88	18.00	5.64	4.00	6.53	8.00	As Certified
LARROWE MILLING CO., Detroit, Mich.							
Larro Broiler Feed (572)	21.75	20.00	4.44	3.50	6.30	7.00	As Certified
Larro Broiler Feed (966)	21.13	20.00	3.58	3.50	6.89	7.00	As Certified
Larro Chick Builder (413)	21.44	19.00	4.35	4.00	6.38	7.00	As Certified
Larro Chick Builder (574)	21.81	19.00	4.66	4.00	6.45	7.00	As Certified
Larro Chick Builder (967)	21.50	19.00	4.10	4.00	7.27	7.00	As Certified
Larro Chick Builder (1139)	21.94	19.00	4.46	4.00	6.44	7.00	As Certified
Larro Egg Mash (576)	21.94	20.00	4.50	4.00	6.50	7.50	As Certified
Larro Egg Mash (863)	21.56	20.00	4.48	4.00	6.69	7.50	As Certified
Larro Egg Mash (965)	21.63	20.00	4.47	4.00	6.50	7.50	As Certified
Larro Egg Mash (Pelleted) (977)	21.44	20.00	4.21	4.00	5.98	7.50	As Certified
Larro Turkey Builder (970)	26.06	24.00	4.12	4.50	6.26	6.50	As Certified
Larro Turkey Builder (1124)	25.19	24.00	4.99	4.50	6.39	6.50	As Certified
Larro Turkey Finisher (968)	21.31	19.00	3.50	3.50	7.14	7.00	As Certified
Larro Turkey Finisher (1140)	20.56	19.00	4.56	3.50	6.74	7.00	As Certified
WALTER K. LONG, Center Valley, Pa.							
High Standard Egg Mash (1162)	20.44	20.00	5.35	4.00	7.23	6.50	As Certified
High Standard Growing Mash (1161)	18.50	17.00	4.64	4.00	6.42	8.00	As Certified
High Standard Starting Mash (1163)	19.19	18.00	4.95	5.00	5.54	8.00	As Certified
MANDATA ROLLER MILLS, Herndon, Pa.							
Wendt's Laying Mash (620)	19.13	18.00	4.86	4.00	6.91	7.00	As Certified
Wendt's Starter & Growing Mash (621)	18.13	18.00	5.03	4.00	7.83	7.00	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y.							
B-B Broiler Ration (1171)	20.00	20.00	4.44	4.00	5.96	7.00	As Certified
B-B Complete Chick Starter Ration (139)	21.44	20.00	4.78	4.00	5.64	6.00	As Certified
B-B Flushing & Conditioning Mash (142)	16.25	14.00	4.56	2.50	4.00	4.00	As Certified
B-B Growing Mash (753)	20.31	15.00	4.51	4.00	5.81	8.00	As Certified
B-B Growing Mash (1170)	19.19	15.00	4.55	4.00	5.95	8.00	As Certified
B-B Layer & Breeder Mash (1172)	20.25	20.00	4.57	4.50	6.10	7.00	As Certified
B-B Starter & Growing Ration (318)	21.06	17.00	3.89	4.00	5.47	7.00	As Certified
Daisy Egg Mash with Dried Buttermilk (837)	20.88	20.00	4.66	3.50	7.46	9.00	As Certified
Daisy Growing Mash (317)	16.75	15.00	4.21	4.00	6.40	9.00	As Certified
Daisy Growing Mash (752)	15.75	15.00	3.92	4.00	7.14	9.00	As Certified
MARTINSBURG MILLING COMPANY Martinsburg, Pa.							
Champion Chick Starter Mash (153)	19.75	18.00	5.74	4.00	6.80	6.00	As Certified
Champion 20% Egg Mash (152)	20.81	20.00	5.53	4.00	7.57	7.50	As Certified
Champion Growing Mash (155)	17.25	18.00	4.06	4.00	6.74	7.00	As Certified
Champion Laying Mash (154)	17.13	17.00	5.03	4.00	6.70	7.00	As Certified
MAUSER & CRESSMAN, Catasauqua, Pa.							
Laying Mash (876)	20.63	16.00	4.75	4.00	4.96	9.00	As Certified
Poultry Mash for Baby Chicks (878)	16.56	14.00	4.29	3.50	5.95	5.00	As Certified
Poultry Mash for Growing Chicks (875)	19.75	16.00	4.77	4.00	5.87	8.00	As Certified
Special Laying Mash (877)	20.81	18.00	5.08	4.00	5.49	8.00	As Certified
McMILLEN FEED MILLS, INC. Fort Wayne, Ind.							
Free Choice Turkey Pellets (772)	32.69	30.00	3.32	2.00	5.89	7.00	As Certified
Master Mix 32% Chick Concentrate (768)	35.25	32.00	3.89	4.00	7.20	8.00	As Certified
Master Mix 32% Chick Concentrate (1220)	34.63	32.00	3.69	4.00	7.58	8.00	As Certified
Master Mix 34% Mash Concentrate (101)	34.81	34.00	4.47	3.50	7.63	8.00	As Certified
Master Mix 34% Mash Concentrate (416)	38.00	34.00	3.35	3.50	6.62	8.00	As Certified
Master Mix 34% Mash Concentrate (529)	36.94	34.00	3.64	3.50	7.05	8.00	As Certified
Master Mix 34% Mash Concentrate (770)	37.56	34.00	4.66	3.50	6.00	8.00	As Certified
Master Mix 36% Turkey Concentrate (291)	37.56	36.00	5.93	4.00	5.84	7.00	As Certified
Master Mix 36% Turkey Concentrate (771)	37.63	36.00	4.46	4.00	6.05	7.00	As Certified
Master Mix 36% Turkey Concentrate (1221)	37.25	36.00	4.30	4.00	7.55	7.00	As Certified
MECHANICSBURG MILLING COMPANY Mechanicsburg, Pa.							
Brandt's O.K. Growing Mash (775)	20.69	16.00	4.01	4.00	8.55	7.00	Found in addition charcoal.
Brandt's O.K. Laying Mash (776)	20.13	18.00	4.57	4.00	7.24	8.00	As Certified
Brandt's O.K. Starting Mash (777)	19.81	18.00	5.10	4.00	7.17	7.50	As Certified
S. E. MENGLE'S SONS, Pottsville, Pa.							
Sensone Laying Mash (314)	19.00	19.00	5.13	4.00	6.99	7.00	As Certified
Sensons Starter & Grower (311)	18.88	16.00	4.66	3.00	6.22	10.50	As Certified
THE MIFFLINBURG FARMERS EXCHANGE, INC. Mifflinburg, Pa.							
Farmers Economy Laying Mash (550)	20.06	18.00	4.29	4.00	6.05	6.00	As Certified
Farmers Egg Mash (545)	18.81	18.00	4.51	4.00	6.27	8.00	As Certified
Farmers Starting & Growing Mash (547)	18.75	16.50	5.04	4.00	5.55	6.25	As Certified
MILLPORT ROLLER MILLS, Lititz, Pa.							
Zook's Grow-Fast Growing Mash (1046)	19.06	16.00	5.28	4.00	6.52	7.00	As Certified
Zook's Lay-More Laying Mash (1047)	21.81	20.00	6.19	4.00	6.50	7.00	As Certified
Zook's Starte-Rite Chick Starting Mash (1045)	18.94	17.00	5.60	4.00	5.95	7.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
OMWAKE & OLIVER, Greencastle, Pa.							
Antrim Buttermilk Egg Mash (95)	18.56	18.00	4.90	4.00	6.88	8.00	As Certified
Antrim Buttermilk Egg Mash with Barker's Poultry Powder (94)	19.94	18.00	5.30	3.50	7.05	7.00	As Certified
Antrim Starter & Grower (96)	17.63	17.00	5.00	5.00	6.77	8.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa.							
Oesterling's Cash & Carry Egg Mash (250)	22.25	20.00	3.81	3.50	6.45	8.00	As Certified
Our Quality Egg Mash with Cod Liver Oil & Dried Buttermilk (251)	22.38	20.00	3.79	4.00	7.20	8.00	As Certified
Sunside 5% Buttermilk Chick Starter (258)	20.44	18.00	4.57	4.00	5.83	7.00	Ae Certified
Sunside 6V Chick Starter (259)	19.94	17.00	4.89	4.00	4.28	7.00	As Certified
Sunside Chick Starter with Neu-Life Minerals (401)	19.44	16.00	4.72	4.00	4.45	7.00	As Certified
Sunside Egg Mash No. 1 with Buttermilk (252)	20.31	20.00	4.95	4.00	5.58	7.50	As Certified
Sunside Growing Mash (402)	20.75	18.00	4.61	4.00	6.16	7.50	As Certified
OLD FORT MILLS, INC., Harrisburg, Pa.							
Old Clock Egg Mash (908)	21.19	18.00	4.36	4.50	8.44	9.00	As Certified
Old Fort Laying Mash with Cod Liver Oil (864)	21.88	20.00	4.35	4.00	7.63	7.50	As Certified
Old Fort Laying Mash with Cod Liver Oil (906)	21.38	20.00	4.49	4.00	7.22	7.50	As Certified
Old Fort Lay Mix with Cod Liver Oil (865)	39.44	34.00	4.87	4.00	7.94	8.00	As Certified
Old Fort Lay Mix with Cod Liver Oil (907)	37.31	34.00	5.05	4.00	7.86	8.00	As Certified
Old Fort Starter & Grower (637)	17.88	17.00	4.50	4.00	9.48	7.50	As Certified
Old Fort Starter & Grower (904)	17.19	17.00	4.04	4.00	8.50	7.50	As Certified
THE PARK & POLLARD CO., Buffalo, N. Y.							
Lay or Bust Dry Mash (707)	22.69	20.00	4.30	3.00	6.60	7.00	As Certified
PETERSBURG MILLING COMPANY Bessemer, Pa.							
Pemico Laying Mash (597)	24.56	20.00	4.29	4.00	8.07	8.00	As Certified
Pemico Starting & Growing Mash (595)	20.81	18.00	4.50	4.00	5.92	6.00	As Certified
PRATT FOOD CO., INC., Hammond, Ind.							
Pratts Baby Chick Food (745)	19.63	17.00	4.45	3.50	4.86	6.00	As Certified
Pratts Broiler Mash (746)	21.13	18.50	4.17	4.00	5.92	7.00	As Certified
Pratts Cak-Cak Egg Mash (716)	19.69	18.00	4.47	3.50	6.88	8.00	As Certified
Pratts Cak-Cak Egg Mash (738)	20.13	18.00	4.19	3.50	7.34	8.00	As Certified
Pratts C-Ka-Gene Ration (739)	19.50	17.00	5.51	3.50	6.49	6.00	As Certified
Pratts Fattening & Fleshing Mash (744)	15.94	14.00	5.19	4.50	6.05	5.00	As Certified
Pratts Flushing Mash (743)	11.75	11.00	2.85	2.50	4.41	4.00	As Certified
Pratts Growing Mash (719)	18.94	17.50	4.37	3.50	6.95	7.00	As Certified
Pratts Growing Mash (741)	20.25	17.50	5.40	4.00	5.81	6.00	As Certified
Pratts Growing Mash (1142)	19.69	17.50	4.92	3.50	6.26	7.00	As Certified
Pratts Laying Mash (718)	22.13	20.00	5.26	3.50	6.92	7.25	As Certified
Pratts Laying Mash (736)	23.25	20.00	5.78	3.50	6.65	7.25	As Certified
Pratts Laying Mash (1141)	23.63	20.00	5.58	3.50	7.18	7.25	As Certified
Pratts Laying Mash (1157)	22.38	20.00	6.35	3.50	7.01	7.25	As Certified
Pratts Laying Mash (1293)	22.94	20.00	5.52	3.50	6.13	7.25	As Certified
Pratts Starter & Grower (715)	19.81	17.00	3.60	3.50	5.15	6.50	As Certified
Pratts Starter & Grower (737)	19.44	17.00	4.54	3.50	6.33	6.50	As Certified
Pratts Turkey Starter (740)	25.94	25.00	5.11	4.50	6.20	6.00	As Certified
Pratts Worming Mash (742)	24.31	20.00	4.83	3.50	6.63	7.25	As Certified
PRESTONS, INC., Canton, Pa.							
Preston's Egg Producer (458)	20.94	19.00	5.46	5.00	6.52	10.00	As Certified
Preston's Starting & Growing Mash (460)	18.06	17.00	5.22	4.50	6.49	8.00	As Certified
Preston's Superior Milk Mash (463)	20.56	19.40	5.40	4.00	4.61	7.00	As Certifisd
THE QUAKER OATS CO., Chicago, Ill.							
Big Egg Laying Mash - Pellets (72)	23.19	20.00	5.22	4.00	6.29	8.00	As Certified
Ful-O-Pep Broiler Mash (66)	21.69	19.00	5.28	4.50	6.44	7.00	Ae Certified
Ful-O-Pep Broiler Mash (497)	21.44	19.00	6.05	4.50	6.65	7.00	As Certified
Ful-O-Pep Broiler Mash (986)	20.50	19.00	4.44	4.50	6.00	7.00	As Certified
Ful-O-Pep Chick Starter (65)	19.50	17.00	5.50	4.50	6.12	7.00	As Certified
Ful-O-Pep Chick Starter (141)	19.81	17.00	6.22	4.50	6.28	7.00	As Certified
Ful-O-Pep Chick Starter (283)	20.13	17.00	5.62	4.50	6.47	7.00	As Certified
Ful-O-Pep Chick Starter (379)	20.63	17.00	5.42	4.50	6.07	7.00	As Certified
Ful-O-Pep Chick Starter (412)	20.88	17.00	6.21	4.50	5.98	7.00	As Certified
Ful-O-Pep Chick Starter (981)	19.38	17.00	4.66	4.50	5.79	7.00	As Certifisd
Ful-O-Pep Crate Fattener (67)	15.75	13.00	5.36	4.00	6.99	7.50	As Certified
Ful-O-Pep Developer (824)	18.31	17.00	5.34	4.50	7.22	8.00	As Certified
Ful-O-Pep Developer (982)	18.81	17.00	5.14	4.50	6.33	8.00	As Certified
Ful-O-Pep Egg-Breeder Mash (249)	22.31	20.00	5.87	4.50	6.51	8.00	As Certified
Ful-O-Pep Egg-Breeder Mash (280)	22.31	20.00	6.12	4.50	6.46	8.00	As Certified
Ful-O-Pep Egg-Breeder Mash (365)	22.13	20.00	6.34	4.50	6.47	8.00	As Certified
Ful-O-Pep Egg-Breeder Mash (411)	22.44	20.00	6.04	4.50	5.50	8.00	As Certified
Ful-O-Pep Egg-Breeder Mash (985)	20.94	20.00	5.84	4.50	6.27	8.00	As Certified
Ful-O-Pep Egg-Breeder Mash - Pellets (983)	22.94	20.00	6.00	4.50	5.72	8.00	As Certified
Ful-O-Pep Fattening Feed - Pellets (826)	17.25	15.00	5.03	4.50	6.34	7.50	As Certified
Ful-O-Pep Fattening Feed - Pellets (984)	17.38	15.00	4.95	4.50	5.76	7.50	As Certified
Ful-O-Pep Growing Mash (286)	21.69	19.00	6.09	5.00	5.93	7.00	As Certified
Ful-O-Pep Growing Mash (732)	20.94	19.00	4.16	5.00	5.11	7.00	As Certified
Ful-O-Pep Growing Mash (825)	20.00	19.00	5.82	6.00	5.66	7.00	As Certified

200-4-40

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Ful-O-Pep Laying Mash (987)	21.06	20.00	4.58	4.50	7.02	8.00	As Certified
Ful-O-Pep Turkey Starter (534)	24.88	26.00	5.67	5.00	5.75	7.00	As Certified
Ful-O-Pep Turkey Starter (827)	26.56	26.00	5.97	5.00	5.45	7.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Purina Broiler Chow (172)	21.19	18.00	4.42	3.50	5.11	7.00	As Certified
Purina Broiler Chow (1144)	21.63	18.00	4.49	3.50	5.83	7.00	As Certified
Purina Chicken Fatena (936)	17.94	14.00	3.64	3.60	6.49	7.50	As Certified
Purina Chick Growena (165)	17.88	15.00	4.21	3.50	5.03	7.00	As Certified
Purina Chick Growena (1155)	17.56	15.00	4.90	3.50	5.95	7.00	As Certified
Purina Chick Growing Chow (1241)	22.44	21.00	4.93	3.50	6.63	7.00	As Certified
Purina Chick Startena (166)	20.19	18.00	4.68	4.00	4.27	7.00	As Certified
Purina Chick Startena (611)	22.00	18.00	4.80	4.00	4.93	7.00	As Certified
Purina Chick Startena (935)	21.31	18.00	4.03	4.00	4.98	7.00	As Certified
Purina Egg Chow (Complete Ration) (1238)	17.63	15.50	3.77	3.50	6.14	8.00	As Certified
Purina Family Flock Chow (1239)	20.00	18.00	4.25	3.50	6.63	8.00	As Certified
Purina Holdover Chicken Fatena (938)	16.25	12.00	2.86	2.50	6.80	7.50	As Certified
Purina Lay Chow (1145)	23.38	21.00	4.49	4.00	8.18	8.00	As Certified
Purina Lay Chow (1242)	23.75	21.00	4.85	4.00	7.36	8.00	As Certified
Purina Layena (Complete Ration) (173)	18.56	16.50	4.29	3.50	5.65	8.00	As Certified
Purina Layena (Complete Ration) (942)	17.00	15.50	4.05	3.50	6.14	8.00	As Certified
Purina Layena (Complete Ration) (1156)	17.38	15.50	4.63	3.50	5.97	8.00	As Certified
Purina Layena (Complete Ration) (1240)	17.56	15.50	4.86	3.50	6.08	8.00	As Certified
Purina Special Chicken Fatena (937)	17.25	13.50	3.34	2.50	6.62	8.50	As Certified
Purina Turkey & Chicken Fatena Checkers (934)	16.38	14.00	4.04	3.50	5.45	7.00	As Certified
Purina Turkey Growena (1107)	20.56	18.00	4.48	3.50	5.66	7.00	As Certified
Purina Turkey Growena (1143)	20.88	18.00	4.07	3.50	5.41	7.00	As Certified
READING MILLING CO., Reading, Pa.							
Reading Egg Mash (306)	19.00	18.00	5.10	4.00	6.42	8.00	As Certified
C. C. REPLOGLE, Woodbury, Pa.							
Golden Seal Laying Mash (116)	17.75	19.00	4.30	4.00	5.91	6.00	As Certified
Golden Seal Starting & Growing Mash (118)	18.25	17.00	4.32	4.00	5.65	6.00	As Certified
H. C. ROBERTS, Pecksville, Pa.							
Rob Rose Laying Mash (1178)	19.31	19.00	5.23	4.50	7.10	10.00	As Certified
Rob Rose Starting & Growing Mash (1177)	18.75	18.00	4.85	4.50	5.85	6.00	As Certified
H. ROCKWELL & SON, Canton, Pa.							
Booster Mash (476)	18.88	17.00	3.82	2.75	8.24	10.00	As Certified
Hen-O-La Dry Mash with Nopco XX Fortified Cod Liver Oil (482)	22.00	19.00	5.76	4.50	7.28	9.00	As Certified
Ideal Chick Starter & Grower (474)	19.25	17.00	5.42	4.00	4.48	6.00	As Certified
Rockwell's Milk Flush (473)	21.13	20.00	2.84	3.00	2.54	3.50	As Certified
Rockwell's Milk Mash for Poultry (472)	24.00	19.00	5.26	4.25	6.72	7.00	As Certified
Rockwell's Starting & Growing Mash (471)	20.44	18.00	5.02	4.50	6.87	7.00	As Certified
LOUIS ROSENBERG, Philadelphia, Pa.							
Gain-Fast with Dried Buttermilk (731)	16.25	15.50	2.73	5.00	5.61	4.15	As Certified
ROUX FEED MILLS, Sharon, Pa.							
Roux Chick Starter (104)	22.13	16.00	4.60	4.00	5.44	6.00	As Certified
Roux Economy Egg Mash (103)	20.75	20.00	4.75	4.00	5.45	8.00	As Certified
Roux Egg Mash (106)	23.56	20.00	4.88	4.00	5.18	8.00	As Certified
Roux Growing Mash (105)	21.13	16.00	4.65	4.00	5.67	6.00	As Certified
Roux Open Formula Egg Mash (113)	20.81	20.00	4.46	4.00	5.75	6.50	As Certified
SACRAMENTO ROLLER MILLS Sacramento, Pa.							
Daisy Egg Mash (297)	23.13	20.00	5.45	4.00	6.67	7.50	As Certified
Daisy Egg Mash (1262)	20.81	20.00	5.22	4.00	7.27	7.50	As Certified
Sacromill Egg Mash (295)	21.88	20.00	5.43	4.50	6.73	7.00	As Certified
Sacromill Egg Mash (1260)	21.75	20.00	5.95	4.50	7.02	7.00	As Certified
Sacromill Growing Mash (294)	19.63	17.00	5.24	4.00	7.37	7.00	As Certified
Sacromill Growing Mash (1259)	19.50	17.00	5.04	4.00	6.99	7.00	As Certified
Sacromill Starting Mash (296)	18.25	17.00	5.63	6.00	6.67	7.00	As Certified
Sacromill Starting Mash (1261)	17.94	17.00	5.11	5.00	6.26	7.00	As Certified
Starter - Grower Mash (293)	20.44	16.00	5.78	3.50	6.72	8.00	As Certified
Starter - Grower Mash (1258)	17.50	16.00	5.09	3.50	7.60	8.00	As Certified
SCRANTON FLOUR & GRAIN COMPANY Scranton, Pa.							
Penn State Growing Mash (1083)	9.81	18.00	5.43	4.00	6.69	6.00	As Certified
Penn State Laying Mash (1082)	20.00	20.00	5.97	6.00	6.59	7.00	As Certified
I. B. SECRIST, Milleretown, Pa.							
S. & S. Chick Starter (217)	8.00	16.00	4.62	4.00	5.96	6.00	As Certified
S. & S. Laying Mash (216)	20.06	20.00	5.08	4.00	6.92	5.00	As Certified
S. & S. Laying Mash Special (219)	18.25	18.00	4.29	4.00	7.62	7.00	As Certified
S. & R. FEED CO., Quakertown, Pa.							
S. & R. Laying Mash (1159)	20.31	20.00	4.95	4.50	6.64	7.00	As Certified
ELMER G. STAHL, Zionsville, Pa.							
Stahl's Growing Mash (690)	16.75	16.00	4.28	4.50	5.36	7.00	As Certified
JOSEPH I. STEHR & SONS, Pitman, Pa							
Stehr's Real Laying Mash (636)	19.00	18.00	4.27	4.00	5.29	8.00	As Certified
Stehr's Real Starter & Grower (634)	19.50	18.00	4.66	4.00	6.37	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JESSE C. STEWART CO., Pittsburgh, Pa.							
Red Letter All Mash Chick Starter & Grower (353)	19.31	15.00	5.36	5.00	4.31	6.00	As Certified
Red Letter All Mash Chick Starter & Grower (1127)	20.44	15.00	4.40	5.00	5.38	6.00	As Certified
Red Letter Egg Mash (1125)	19.75	20.00	4.71	4.50	7.91	8.00	As Certified
D. A. STICKELL & SONS, INC. Hagerstown, Md.							
Blue Ridge Egg Mash (782)	22.88	20.00	6.05	5.00	6.33	6.00	As Certified
Su-Pur Growing Mash with Cod Liver Oil (778)	18.56	17.00	4.69	4.00	6.42	6.00	As Certified
Su-Pur 34% Mash Supplement (784)	35.94	34.00	2.96	4.50	5.95	6.00	As Certified
EDWIN F. STOVER ESTATE, Perkasie, Pa.							
Stover's Diamond Chick Starter (856)	19.81	17.50	4.88	4.00	5.76	5.00	As Certified
Stover's Diamond Growing Mash (857)	20.88	18.00	4.91	5.00	6.88	6.00	As Certified
Stover's Diamond Laying Mash (858)	22.63	20.00	4.96	5.00	6.47	6.00	As Certified
STUDEBAKER & FAWCETT Enon Valley, Pa.							
Valley 19% Lay Mash (600)	22.06	19.00	5.30	3.50	6.48	8.50	As Certified
SWOPE COMPANY, Johnstown, Pa.							
Big Five Egg Mash (7)	23.38	22.00	5.03	4.00	5.37	7.50	As Certified
Challenge Egg Mash (8)	20.50	20.00	4.05	4.00	6.26	8.00	As Certified
Challenge Egg Mash (536)	19.19	20.00	4.94	4.00	7.22	8.00	As Certified
THORPE, BAKER & COMPANY Carbondale, Pa.							
Blue-Tag Laying Mash (1188)	20.81	18.00	6.78	4.00	6.36	7.00	As Certified
Red-Tag Laying Mash (1187)	20.50	18.00	6.11	4.00	6.24	7.00	As Certified
Red-Tag Starting & Growing Mash (1186)	19.75	18.00	6.11	4.00	5.88	7.00	As Certified
Thor-Bak Laying Mash (1181)	21.00	20.00	5.38	4.00	5.66	7.00	As Certified
Thor-Bak Starting & Growing Mash (1190)	16.75	18.00	5.24	4.00	6.33	7.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y.							
Chicatine with Cod Liver Oil (683)	21.19	18.00	4.67	3.50	7.89	7.50	As Certified
Conditiontine (679)	17.88	15.00	5.07	4.00	6.06	6.50	As Certified
Egatine with Cod Liver Oil (681)	25.25	23.00	4.88	3.50	6.36	7.50	As Certified
Egatine with Cod Liver Oil (884)	24.81	23.00	5.03	3.50	7.29	7.50	As Certified
Tasty Laying Food with Cod Liver Oil (882)	22.56	20.00	5.52	3.50	7.20	7.50	As Certified
Turkatine (886)	25.69	23.00	4.37	4.00	6.44	7.50	As Certified
Turkatine in Pellet Form (887)	26.13	23.00	4.84	4.00	6.64	7.50	As Certified
THE UBIKO MILLING COMPANY Cincinnati, Ohio							
Ubiko Mash Balancer (245)	34.13	32.00	4.88	4.00	6.15	7.00	As Certified
Ubiko Mash Balancer (823)	34.63	32.00	5.12	4.00	6.75	7.00	As Certified
UNION SUPPLY CO., Pittsburgh, Pa.							
Usco Laying Mash (1295)	21.00	20.00	5.51	4.00	7.16	8.00	As Certified
THE URBANA MILLS CO., Urbana, Ohio							
Urbana Egg Mash (163)	20.13	20.00	4.15	4.00	6.97	8.00	As Certified
Urbana Growing Mash (162)	16.69	16.00	4.17	4.00	7.43	7.00	As Certified
Urbana Starting & Growing Mash (161)	18.00	17.00	4.47	4.00	4.53	6.00	As Certified
VANDERVORT MILLS, Laceyville, Pa.							
Vandervort's Buttermilk Cod Liver Oil Poultry Mash (45)	21.69	20.00	4.19	4.00	6.47	7.00	As Certified
Vandervort's Growing Mash (53)	20.19	17.50	4.04	3.50	6.71	5.50	As Certified
Vandervort's Laying Mash with Cod Liver Oil (48)	23.19	16.00	4.20	4.50	6.74	11.00	As Certified
Vandervort's Starting & Growing Chick Mash (50)	21.88	19.00	4.13	[illegible].00	6.24	7.00	As Certified
VITALITY MILLS, INC., Chicago, Ill.							
Honor Egg Mash (502)	17.31	18.00	4.46	50	6.65	10.00	As Certified
Vitality Chick Starting Ration (503)	18.00	17.00	4.26	00	5.12	6.50	As Certified
Vitality Egg Builder (499)	19.31	20.00	4.64	00	6.85	7.50	As Certified
Vitality Homestead Egg Mash (504)	18.50	18.00	4.61	.50	6.91	8.00	As Certified
Vitality 20% Milk Builder (507)	20.31	20.00	3.30	50	10.41	12.00	As Certified
Vitality 32% Milk & Body Builder Supplement (505)	32.50	32.00	3.75	50	6.05	10.00	As Certified
VOLANT MILLS, Volant, Pa.							
Volant Mills 15% Developer (243)	17.69	15.00	4.29	.00	6.14	7.50	As Certified
Volant Mills 20% Egg Mash (244)	22.13	20.00	4.86	.00	6.72	7.50	As Certified
Volant Mills Starting Mash (242)	20.00	18.00	4.32	.00	5.13	7.00	As Certified
WAMPUM MILL CO., Wampum, Pa.							
Silver Star Egg Mash (666)	19.50	20.00	4.87	.0	6.53	7.00	As Certified
WASHINGTON MILLING CO., Washington, Pa.							
Gain More Egg Laying Mash (1136)	20.44	20.00	4.33	0	7.01	7.00	As Certified
Gain More Starting & Growing Mash (1137)	19.94	19.00	5.03	0	6.42	6.50	As Certified
WAYNESBURG MILLING COMPANY Waynesburg, Pa.							
Home Mash (1115)	20.13	20.00	4.60	0	6.53	8.00	As Certified
Starting & Broiler Mash (366)	19.00	19.00	4.32	0	6.21	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WOODBURY MILLING CO., Woodbury, Pa.							
Crown Growing Mash (132)	16.56	16.00	3.55	3.75	5.51	6.50	As Certified
Crown 16% Laying Mash (135)	20.75	16.00	4.40	4.00	6.11	7.00	As Certified
Average	21.07	-----	4.72	----	6.50	----	
PROPRIETARY SMALL ANIMAL FEED							
BAR-NONE SALES COMPANY Houston, Texas							
Bar-None Dog & Cat Food (215)	7.08	6.50	1.63	1.20	1.08	1.25	As Certified
CALO FOOD PRODUCTS, INC. Oakland, California							
Calo Dog & Cat Food (995)	9.11	10.00	2.61	2.00	0.60	1.00	As Certified
CHAPPEL BROTHERS, INC. Rockford, Ill.							
Ken-L-Lac (212)	7.88	7.50	6.71	8.20	----	----	As Certified
Ken-L-Meal (952)	30.31	20.00	3.66	2.00	3.07	3.00	Ae Certified
Ken-L-Ration (210)	12.08	10.00	2.91	2.00	0.84	1.00	As Certified
CONSOLIDATED BY-PRODUCT COMPANY Philadelphia, Pa.							
Marco Dog & Cat Food (205)	15.57	10.50	3.40	2.00	0.66	1.00	As Certified
DOGGIE DINNER DIVISION OF THE LOUDON PACKING CO., Terre Haute, Ind.							
Doggie Dinner (211)	11.69	10.00	3.53	2.75	1.17	1.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Red Rose Dog & Puppy Food (943)	26.13	23.00	4.13	4.75	3.08	3.50	As Certified
Red Rose Rabbit Feed (1135)	15.13	14.00	4.27	3.50	8.91	9.50	As Certified
THE FOSTER CANNING CO., INC. Brooklyn, N. Y.							
Lucky Dog Food (424)	8.56	7.00	0.89	1.25	1.30	1.50	Ae Certified
Snappy Dog Food (1006)	7.18	7.00	1.38	1.25	0.75	1.50	Ae Certified
GOFF-HOPKINS, INC., Philadelphia, Pa.							
Goff Cubed Beef for Dogs & Cats (760)	14.49	17.00	10.02	5.00	0.25	0.09	As Certified
HALES & HUNTER CO., Chicago, Ill.							
Lucky Dog Supplement (1009)	28.13	22.00	5.69	4.00	2.45	6.00	As Certified
Victoria Rabbit Feed (Pellets) (1012)	19.00	12.00	3.04	2.00	11.96	16.00	As Certified
JERSEY CEREAL CO., Cereal, Pa.							
Cer-Me-Soy Dog Food (803)	26.00	21.50	4.45	3.50	2.97	3.00	As Certified
KASCO MILLS, INC., Waverly, N. Y.							
Kasco Complete Dog Ration (953)	26.19	22.00	7.08	4.00	3.57	4.00	As Certified
LARROWE MILLING CO., Detroit, Mich.							
Larro Dog Food Meal (978)	27.00	24.50	5.47	5.00	4.57	5.50	As Certified
LIFE PRODUCTS, INC., Cleveland, Ohio							
Ween Dog Food (213)	10.63	10.00	8.00	9.00	----	----	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y.							
B-B Complete Rabbit Feed (Pellets) (974)	21.94	17.50	2.64	2.50	8.99	8.50	As Certified
Hunt Club Dog Food (146)	27.50	25.00	4.98	3.50	2.39	4.00	As Certified
Hunt Club Dog Food (321)	24.63	25.00	4.84	3.50	2.14	4.00	As Certified
Hunt Club Dog Food (717)	26.31	25.00	5.07	3.50	2.59	4.00	As Certified
MARCO ANIMAL FOODS, INC. Philadelphia, Pa.							
Marco Dog & Cat Food (994)	11.10	10.00	2.72	2.00	0.52	1.00	As Certified
THE MEAT PRODUCTS COMPANY Cleveland, Ohio							
Bresko Granular Ration (203)	24.25	23.00	4.25	2.00	2.83	4.00	As Certified
Bresko Granular Ration (1130)	23.63	23.00	4.40	2.00	3.60	4.00	As Certified
S. E. MENGLE'S SONS, Pottsville, Pa.							
Semsons Dog Food (308)	28.19	26.00	5.76	4.00	5.41	6.00	As Certified
S. E. MIGHTON CO., LTD. Cleveland, Ohio							
100% Dog & Cat Food (214)	9.76	7.00	1.26	1.75	0.74	1.75	As Certified
MODERN FOOD PROCESS COMPANY Philadelphia, Pa.							
Thrivo Dog & Cat Food (208)	11.64	10.00	6.74	3.00	1.33	2.00	Ae Certified
Thrivo Dog & Cat Food (1005)	12.53	10.00	5.28	3.00	1.44	2.00	Aa Certified
NATIONAL COAST PRODUCTS CORP. Swedesboro, N. J.							
Lykit Dog & Cat Food (1007)	9.01	8.00	0.80	2.00	1.13	1.25	As Certified
Toto Dog & Cat Food (993)	8.79	8.00	2.07	2.00	1.13	1.60	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
PET-MIL FOOD CO., INC. Clayton, N. J.							
Pet-Mil Cooked Dog Food (980)	32.25	25.00	5.47	4.00	4.49	4.00	As Certified
PRATT FOOD CO., Hammond, Ind.							
Pratt Complete Rabbit Pellets (975)	14.81	14.00	3.12	2.00	17.09	20.00	As Certified
Pratt Dog Food - Cubed (628)	23.00	22.00	4.33	3.00	2.27	5.00	As Certified
Pratt Dog Food Meal (627)	19.44	22.00	4.29	3.00	2.25	5.00	As Certified
Pratt Dog Food Meal (923)	25.25	22.00	5.62	3.00	2.81	5.00	As Certified
Pratt Rabbit Pellets (747)	17.56	14.00	4.15	3.00	7.84	10.00	As Certified
Pratt Rabbit Pellets (976)	17.75	14.00	4.04	3.00	8.18	10.00	As Certified
PROTO, INC., Philadelphia, Pa.							
Proto Dog Food (955)	27.06	25.00	4.93	5.00	3.06	4.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Purina Rabbit Chow (Complete Ration) (164)	16.13	13.50	3.99	2.50	13.49	16.00	As Certified
THE RIVAL PACKING CO., Chicago, Ill.							
Rival Dog Food (209)	10.55	10.00	4.05	2.50	0.50	1.00	As Certified
ROBLYNN DISTRIBUTING COMPANY Upper Darby, Pa.							
Roblynn Blue Ribbon Dog & Cat Food (590)	20.57	19.00	5.23	5.00	0.32	1.00	As Certified
H. ROCKWELL & SON, Canton, Pa.							
Saunders Dog Ration (478)	24.81	22.00	6.05	4.50	4.19	5.00	As Certified
VIMPEP FOODS, INC., Cambridge, Md.							
Smarty Dog Food (207)	9.56	7.00	2.11	2.00	0.75	1.00	As Certified
VITA-FRESH DOG FOOD CORP. Long Island City, N. Y.							
Vite-Best Dog Food (997)	30.00	26.67	4.45	4.50	2.87	3.36	As Certified
WILSON & CO., INC., Chicago, Ill.							
Ideal Dog Food (206)	10.52	10.00	4.86	2.00	0.51	1.00	As Certified
ANIMAL BY-PRODUCT							
Meat and Bone Scrap							
ATLANTIC SUPPLY COMPANY Duncannon, Pa.							
Atlantic Meat & Bone Scraps 50% (2)	48.38	50.00	13.23	8.00	1.63	2.00	As Certified
BAUGH & SONS CO., Philadelphia, Pa.							
Baugh's 45% Meat & Bone Scrap (396)	50.31	45.00	11.28	6.00	1.25	3.00	As Certified
Baugh's Oldest Brand Meet & Bone Scrap (398)	51.50	50.00	9.27	6.00	1.28	3.00	As Certified
LUZERNE HIDE & TALLOW COMPANY Nescopeck, Pa.							
Bernesco Brand Meat & Bone Scrap (1085)	49.69	50.00	13.26	10.00	0.94	3.00	As Certified
Bernesco Brand Meat & Bone Screp (1200)	50.69	50.00	13.28	10.00	1.50	3.00	As Certified
PENNSYLVANIA HIDE CO., INC. Scranton, Pa.							
Pennsylvania Meat & Bone Scraps 45% (452)	46.63	45.00	11.18	8.00	1.34	3.00	As Certified
READING BONE FERTILIZER COMPANY Reading, Pa.							
Reading Meat Meal (37)	50.25	50.00	11.68	10.00	1.55	2.00	As Certified
ROBERT A. REICHARD, INC. Allentown, Pe.							
High Grade Beef Scrap (1102)	51.19	55.00	11.18	9.00	2.09	2.00	As Certified
YOUNGSTOWN HIDE & TALLOW COMPANY Youngstown, Ohio							
Penn Ohio Meat Scraps (418)	55.69	50.00	8.12	5.00	1.29	3.00	As Certified
Penn Ohio Meat Scraps (587)	53.38	50.00	8.30	5.00	1.99	3.00	As Certified
Average	50.77	-----	11.08	----	1.48	----	
Tankage							
THE MENHADEN FISH MEAL COMPANY Baltimore, Md.							
60% Digester Tankage (35)	58.69	60.00	6.07	6.00	1.11	3.00	As Certified
ROBERT REICHARD, INC. Allentown, Pe.							
60% Digester Tankage (1099)	62.81	60.00	9.68	5.00	1.69	4.00	As Certified
Average	60.75	-----	7.88	----	1.40	----	
Fish Meel							
BAUGH & SONS CO., Philadelphia, Pa.							
Baugh's 58% Fish Meal (397)	62.81	58.00	5.60	5.00	0.56	3.00	As Certified

200-4-50

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HERBERT BRYANT, INC. Alexandria, Virginia							
Ground Fish for Poultry (36)	56.69	58.00	6.67	7.00	0.76	1.00	As Certified
THE MENHADEN FISH MEAL COMPANY Baltimore, Md.							
Pure Ground Fish Meal (43B)	59.38	58.00	9.07	6.00	0.51	2.00	As Certified
MUTUAL RENDERING CO., INC. Philadelphia, Pa.							
Mureco Menhaden Fish Meal 58% (1257)	59.81	58.00	7.39	6.00	2.14	2.00	As Certified
ROBERT A. REICHARD, INC. Allentown, Pa.							
Reichard's Fish Meal (1097)	55.50	55.00	4.15	9.00	0.85	1.50	As Certified
SEA BOARD SUPPLY COMPANY Philadelphia, Pa.							
Fish Meal (7B7)	58.44	55.00	7.27	5.00	0.94	3.00	As Certified
J. HOWARD SMITH, Port Monmouth, N. J.							
Menhaden Fish Meal (1086)	66.00	55.00	10.42	5.00	0.38	3.00	As Certified
Average	59.80	-----	7.22	----	0.87	----	
Bone Meal							
BAUGH & SONS CO., Philadelphia, Pa.							
Baugh's Steamed Bone Meal (Sterilized) (395)	6.31	5.00	0.43	0.20	3.32	4.00	As Certified
SWIFT & COMPANY, Chicago, Ill.							
Swift's 5% Protein Special Steamed Bone Meal (40B)	9.56	5.00	2.64	----	2.47	3.00	As Certified
Average	7.94	----	1.54	----	2.89	----	
MILK PRODUCT							
Condensed Buttermilk							
CONSOLIDATED PRODUCTS COMPANY Danville, Ill.							
Semi-Solid Condensed Buttermilk (23B)	11.39	10.00	2.17	2.00	-----	-----	As Certified
FARMERS' EXCHANGE COMPANY Bellemead, N. J.							
Belle Mead Brand Condensed Buttermilk (234)	8.74	10.00	0.19	0.15	-----	-----	Identified as condensed skim milk.
Belle Mead Brand Condensed Buttermilk (613)	8.80	10.00	0.20	0.15	-----	-----	Identified as condensed skim milk.
I. H. NESTER & CO., Philadelphia, Pa.							
Nestco Buttermilk (1053)	11.39	10.00	2.21	2.50	-----	-----	As Certified
Nestco Buttermilk (1055)	11.35	10.00	2.55	2.50	-----	-----	As Certified
PAUL B. SHEARER & COMPANY Philadelphia, Pa.							
Lacto Protein Condensed Buttermilk (1014)	10.84	-----	0.21	----	-----	-----	Identified as condensed skim milk.
Lacto Protein Condensed Buttermilk (1052)	12.95	10.20	0.20	0.20	-----	-----	Identified as condensed skim milk.
Lacto Protein Condensed Buttermilk (1054)	11.29	-----	0.25	----	-----	-----	Identified as condensed skim milk.
Lacto Protein Condensed Buttermilk (1056)	10.65	10.20	0.32	0.20	-----	-----	Identified as condensed skim milk.
Average	10.82	-----	0.92	----	-----	-----	
Condensed Skim Milk							
PENN DAIRIES, INC., Lancaster, Pa.							
Cultured Condensed Skim Milk (711)	11.48	10.00	0.20	0.06	-----	-----	As Certified
Dried Skim Milk							
JESSE C. STEWART CO., Pittsburgh, Pa.							
Red Letter Dried Skim Milk (409)	33.81	30.00	0.82	0.50	-----	-----	As Certified
WARD MILK PRODUCTS DIVISION OF THE KRAFT CHEESE CO., Chicago, Ill.							
Ward's Dried Skim Milk (589)	33.63	32.00	0.82	1.00	-----	-----	As Certified
Average	33.72	-----	0.82	----	-----	-----	
MISCELLANEOUS FEED							
ARCHER-DANIELS-MIDLAND COMPANY MINNEAPOLIS, MINN.							
Ardanco Flaxseed Screenings (49B)	16.00	15.00	8.84	8.00	11.79	12.00	As Certified
Ardanco Flaxseed Screenings (1251)	16.13	15.00	9.10	8.00	11.46	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
DAWE'S VITAMELK CO., Chicago, Ill.							
Dawe's Vitamelk Base (830)	31.81	21.00	4.50	4.00	4.60	5.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Red Rose Soyabean Oil Meal & Molasses Mineralized (392)	39.88	32.00	4.98	3.50	4.74	6.00	As Certified
FEED PRODUCTS CO., Baltimore, Md.							
Fapco Midds (304)	17.69	15.00	11.52	6.50	6.30	9.00	As Certified
Fapco Midds (783)	16.38	15.00	13.10	6.50	6.47	9.00	As Certified
McMILLEN FEED MILLS, INC. Fort Wayne, Ind.							
Master Soy (275)	44.06	41.00	1.04	0.50	4.85	6.50	As Certified
Master Soy (420)	45.19	41.00	0.96	0.50	4.51	6.50	As Certified
Master Soy (767)	43.13	41.00	1.00	0.50	5.26	6.50	As Certified
ULTRA-LIFE LABORATORIES, INC. East St. Louis, Ill.							
Ultra-Life Concentrate (140)	25.63	22.00	7.98	6.50	4.70	5.50	As Certified
UNION RENDERING CO., Baltimore, Md.							
Noceko (38)	12.31	10.00	4.23	2.00	6.90	8.00	As Certified